

## Flare 8 Root Cause And Corrective Action Analysis Report - Consent Decree

January 13, 2021 through February 10, 2021

Provided below is information related to the discharge to the No. 8 Flare of SO<sub>2</sub> emissions in excess of 500lbs in a 24-hour period in accordance with recordkeeping and reporting requirements specified in Condition 60 of the Consent Decree entered in United States, et al. v. HOVENSA, LLC, Civ. No. 1:11-cv-0006, for the following time period:

- 1/13/21 through 2/10/21

This event occurred during a planned startup of the Delayed Coker Unit (DCU) in which the plant operators followed existing startup procedures for the affected equipment (coker wet gas compressor) as specified in the Flare Management Plan. Thus, while a root cause analysis is required for this incident by the Consent Decree, a root cause analysis and corrective action analysis is not required under NSPS Subpart Ja.

### Summary of Incident:

*Operations initiated the startup of the Coker Unit on Jan 13, 2021. Initially, the coker off gases were vented to Flare 8. This occurred only briefly, for a few hours, as the wet gas compressor was put in service the same day. However, from January 19 to January 27, 2021, the coker wet gas compressor tripped at different times and then was brought back online following troubleshooting efforts. While the compressor was offline, Operations was forced to route the Coker off gas to the flare. Following a trip of the wet gas compressor, Operations is still required to continue to operate the Coker Unit until the filling of the coke drums is finalized. Failure to do so, could result in extremely hazard exposure during the coke drum opening process.*

*In addition to the coker wet gas compressor related incidents mentioned above, there were two additional operational upsets occurring in the early morning hours of February the 3<sup>rd</sup> and then another on Feb. 4<sup>th</sup>. On February 3, 2021, at 01:54am, a leak developed in one of the heaters, H-8501 2<sup>nd</sup> pass. The loss of containment resulted in hydrocarbon spillage, a heater fire and unit shutdown. On February 4, 2021, at 2:30am, water entered coke drum D-8504 generating sufficient vapor to lift the drum PSV's and blowdown(D8513) PSV's. The combined flow entered the flare piping to the Coker flare drum, filling the drum. The material in the flare KO drum was transported out the flare stack. The environmental incident of Feb. 4<sup>th</sup> will be addressed in a separate report, as it is of a different nature and resulted in a different impact.*

- a. The date and time the discharge was first identified and the duration of the discharge [Consent Decree Paragraph 60.a]

*The discharge was first identified on January 13, 2021 at 11:00 hrs. The duration of the discharge was 672 hours.*

- b. The measured or calculated cumulative quantity of gas discharged over the discharge duration. Include measured H<sub>2</sub>S, Total sulfur, SO<sub>2</sub>, and flow rate as applicable and calculations used to determine the quantity of SO<sub>2</sub> that was emitted. [Consent Decree Paragraph 60.b]

*Appendix 1 to this document includes the data recorded by the Data Acquisition and Handling System (DAHS) related to the continuous monitoring system located at No. 8 Flare.*

*SO<sub>2</sub> emissions are calculated using the concentration of H<sub>2</sub>S as measured by the No. 8 Flare mass spectrometer and the total flow to the flare as shown in the following equation:*

$$SO_2 \left( \frac{lb}{hr} \right) = FR \times C_{H2S} \times 1.66 \times 10^{-7}$$

Where:

FR: average flow rate to No. 8 Flare during the incident, scfh, wet basis

C<sub>H2S</sub>: the concentration of H<sub>2</sub>S in ppmw as measured at Flare 8 mass spectrometer

1.66 x 10<sup>-7</sup>: conversion factor lbmole<sub>H2S</sub>/385.3 scf<sub>H2S</sub>•lbmole<sub>SO2</sub>/lbmole<sub>H2S</sub>•64.066 lb<sub>SO2</sub>/lbmole<sub>SO2</sub> • [1x10<sup>-6</sup>]

- c. The steps taken to limit the emissions during the discharge and the duration of the discharge. [Consent Decree Paragraph 60.c]

*On Jan 23<sup>rd</sup> at 2pm, upon completion of the coke drum filling at the time, Operations proceeded to establish recirculation in the Coker Unit rather than immediately starting to feed a new drum since the wet gas compressor was down. This initiative was implemented to avoid flaring.*

*Maintenance cleaned all affected coker pump strainers as frequently as possible during that period.*

*The total duration of the discharge to the flare was approximately 672 hours.*

- d. The root cause analysis and corrective action analysis including an identification of the affected facility, the date and duration of the discharge, a statement noting whether the discharge resulted from the same root cause(s) identified in a previous analysis and either a description of the recommended corrective action(s) or an explanation of why corrective action is not necessary. [Consent Decree Paragraph 60.d]

1. H<sub>2</sub>S and other sulfur species were released to No. 8 Flare from off-gas released from the DCU.
2. The release to atmosphere occurred at No. 8 Flare, an affected facility under NSPS, Subpart Ja.
3. The duration of the event was 672 hours as described in "b" and "c" above.
4. This discharge did not result from a similar root cause identified in a previous analysis.
5. The root cause analysis:

Root Cause Analysis	Corrective Action Analysis (or explanation that no corrective is necessary)	Status: completed within 45 days or schedule with proposed implementation and completion dates
<p>The coker wet gas compressor (WGC) tripped due to inability to keep the WGC feed K.O. drum D-8506 level down. The high-level indications triggered the compressor safety protection switch and the compressor automatically shutdown. High levels in the compressor K.O. drum were caused by frequent plugging of the pumps P8512 A/B strainers, which limited the rate at which liquid could be removed out of the K.O. drum at any given time. The cause of strainers plugging is extensive scale spalling occurred during the initial restart of the coker unit, following a prolonged idle time.</p>	<p>Coker vessels, equipment and lines had been flushed extensively before being put in service. However, once temperatures reached normal levels during the initial operation, substantial amounts of scale were dislodged. This extraneous material was collected not only in the WGC feed K.O. drum bottom pumps strainers but also in the main fractionator receiver pumps and the overhead receiver foul water pumps. Corrective action was to clear the pumps as frequently as possible. The coker feed rates were kept well below maximum capacity to help in managing the clogging issues experienced by several pumps.</p>	<p style="text-align: right;">Completed within 45 days</p>

- e. An analysis of the measures, if any, that are available to reduce the likelihood of a recurrence of the discharge resulting from the same root cause or significant contributing causes in the future. The analysis shall discuss all reasonable alternatives, if any, that are available, the probable effectiveness and cost of the alternatives, and whether an outside consultant should be retained to assist in the analysis. Possible design, operation and maintenance changes shall be evaluated. [Consent Decree Paragraph 60.e]

*See response to "d" above. No further analysis was conducted.*

- f. For Acid Gas Flaring Incidents (not Hydrocarbon Flaring Incidents), specifically identify each of the grounds for stipulated penalties in paragraphs 63, 64 and 65 and describe whether the Incident falls under any of those grounds. [Consent Decree Paragraph 60.f]
- This event was determined not to be an Acid Gas Flaring Incident.*
- g. For any corrective action analysis for which corrective actions are required, a description of the corrective action(s) completed within the first 45 days following the discharge and, for

action(s) not already completed, a schedule for implementation, including proposed commencement and completion dates. [Consent Decree Paragraph 60.h for supplement report]

*See response to "d" above.*

- h. If the analysis determines that corrective action is not required, the report shall explain the basis for that conclusion. [Consent Decree Paragraph 60.e]

*See response to "d" above.*

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*Appendix 1 - DAHS Records*

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Source Parameter (Unit)	FLARE08						
	H2SPPMD (PPM) 001H	H2SPPMD (PPM) 003H	TRSPPM (PPM) 001H	SO2LBS (LBS) 001H	SO2LBS (LBS) 024H	VG_FLOWT (SCF) 001H	VG_FLOWT (SCF) 024H
		162			500		1000000
01/13/21 00:00	57.4	54.1	104.9	14.1	384.2	818,428.1	25,667,743.7 E
01/13/21 01:00	51.5	55.1	110.2	17.2	384.2	949,648.8	25,409,838.0 E
01/13/21 02:00	40.9	49.9	103.0	16.5	381.3	972,226.1	25,066,460.2 E
01/13/21 03:00	52.0	48.1	114.0	18.6	378.9	991,715.4	24,710,804.4 E
01/13/21 04:00	364.1	152.3	405.7	66.3	426.6	992,284.0	24,401,997.6 E
01/13/21 05:00	63.8 C	160.0	102.3 C	9.3	419.5	551,593.6	23,742,593.3 E
01/13/21 06:00	40.2 C	156.1	82.7 C	10.1	413.3	739,996.6	23,337,700.8 E
01/13/21 07:00	527.2	210.4 E	555.2	89.0	483.7	973,899.2	23,136,383.2 E
01/13/21 08:00	92.7	220.0 E	142.6	19.2	480.8	816,601.5	22,566,475.2 E
01/13/21 09:00	75.3	231.7 E	130.9	22.4	479.7	1,039,034.6	22,232,501.7 E
01/13/21 10:00	72.0	80.0	130.1	22.5	482.7	1,051,702.3	22,016,225.1 E
01/13/21 11:00	226.4	124.6	279.2	51.5	517.0 E	1,120,941.3	22,108,696.5 E
01/13/21 12:00	4,372.6	1,557.0 E	4,259.7	872.0	1,368.1 E	1,243,500.8	22,239,090.5 E
01/13/21 13:00	4,611.6	3,070.2 E	4,502.8	897.6	2,249.0 E	1,210,912.6	22,469,668.4 E
01/13/21 14:00	8,011.8	5,665.3 E	7,749.1	1,820.4	4,054.8 E	1,426,969.1	22,871,742.3 E
01/13/21 15:00	3,316.2	5,313.2 E	3,295.0	838.7	4,879.8 E	1,546,175.6	23,423,012.0 E
01/13/21 16:00	170.6	3,832.9 E	266.7	55.3	4,922.1 E	1,259,317.4	23,757,675.2 E
01/13/21 17:00	3,727.7	2,404.9 E	3,670.7	680.8	5,591.9 E	1,126,683.2	24,010,020.5 E
01/13/21 18:00	2,975.3	2,291.2 E	2,947.6	610.7	6,194.0 E	1,258,506.4	24,417,096.6 E
01/13/21 19:00	1,369.8	2,690.9 E	1,415.8	300.9	6,485.5 E	1,291,043.7	24,855,237.1 E
01/13/21 20:00	296.4	1,547.2 E	367.3	57.9	6,532.1 E	957,604.6	24,944,479.9 E
01/13/21 21:00	107.8	591.3 E	174.7	33.4	6,550.8 E	1,162,123.8	25,205,727.9 E
01/13/21 22:00	120.8	175.0 E	183.3	33.2	6,569.9 E	1,099,362.9	25,389,420.9 E
01/13/21 23:00	73.4	100.7	139.1	28.2	6,585.8 E	1,233,237.5	25,833,508.9 E

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01/14/21	00:00	91.2	95.1	155.7	31.2	6,602.9	E	1,216,426.6	26,231,507.4	E
01/14/21	01:00	115.3	93.3	178.7	35.2	6,620.8	E	1,195,606.0	26,477,464.6	E
01/14/21	02:00	172.9	126.5	239.6	41.9	6,646.2	E	1,063,135.3	26,568,373.9	E
01/14/21	03:00	91.0	126.4	157.9	31.3	6,658.9	E	1,204,107.9	26,780,766.4	E
01/14/21	04:00	136.4	133.4	203.5	38.1	6,630.7	E	1,136,675.3	26,925,157.7	E
01/14/21	05:00	170.2 C	132.5	243.9 C	43.6	6,665.0	E	1,085,279.8	27,458,843.9	E
01/14/21	06:00	86.0 C	130.9	157.2 C	31.4	6,686.3	E	1,213,190.1	27,932,037.5	E
01/14/21	07:00	109.6	122.0	183.2	38.0	6,635.4	E	1,260,273.0	28,218,411.3	E
01/14/21	08:00	229.4	141.7	302.5	63.3	6,679.5	E	1,271,497.5	28,673,307.3	E
01/14/21	09:00	113.7	150.9	198.0	42.4	6,699.5	E	1,301,645.0	28,935,917.7	E
01/14/21	10:00	112.5	151.8	195.4	43.4	6,720.4	E	1,348,666.3	29,232,881.7	E
01/14/21	11:00	253.9	160.0	323.7	78.1	6,747.0	E	1,465,161.0	29,577,101.4	E
01/14/21	12:00	210.1	192.1 E	289.7	73.4	5,948.4	E	1,539,028.6	29,872,629.3	E
01/14/21	13:00	219.2	227.7 E	297.7	70.4	5,121.2	E	1,436,622.5	30,098,339.2	E
01/14/21	14:00	206.0	211.7 E	281.3	63.6	3,364.4	E	1,372,880.7	30,044,250.9	E
01/14/21	15:00	306.9	244.0 E	364.3	87.4	2,613.1	E	1,457,874.6	29,955,949.9	E
01/14/21	16:00	140.6	217.8 E	208.7	44.0	2,601.8	E	1,279,978.1	29,976,610.6	E
01/14/21	17:00	69.7	172.4 E	136.4	27.3	1,948.3	E	1,216,478.2	30,066,405.5	E
01/14/21	18:00	787.5	332.6 E	827.4	162.8	1,500.4	E	1,195,072.3	30,002,971.5	E
01/14/21	19:00	445.1	434.1 E	492.6	97.9	1,297.4	E	1,207,177.7	29,919,105.5	E
01/14/21	20:00	270.3	500.9 E	322.0	62.1	1,301.6	E	1,172,055.2	30,133,556.1	E
01/14/21	21:00	253.2	322.8 E	310.2	59.2	1,327.4	E	1,159,361.5	30,130,793.8	E
01/14/21	22:00	125.9	216.4 E	193.4	38.0	1,332.3	E	1,195,129.4	30,226,560.2	E
01/14/21	23:00	87.3	155.5	160.6	31.6	1,335.7	E	1,197,089.4	30,190,412.2	E
01/15/21	00:00	52.7	88.6	125.7	24.4	1,328.9	E	1,177,674.0	30,151,659.5	E
01/15/21	01:00	126.7	88.9	196.0	38.9	1,332.6	E	1,205,041.5	30,161,095.0	E
01/15/21	02:00	57.4	79.0	128.7	26.1	1,316.7	E	1,231,860.2	30,329,819.8	E
01/15/21	03:00	43.3	75.8	114.7	22.6	1,308.0	E	1,196,353.0	30,322,064.9	E

01/15/21	04:00	30.3	43.7	89.6	18.1	1,288.0	E	1,225,892.9	30,411,282.5	E			
01/15/21	05:00	42.9	C	38.8	114.6	C	22.8	1,267.2	E	1,207,556.9	30,533,559.5	E	
01/15/21	06:00	137.9	C	70.4	209.2	C	50.2	1,286.1	E	1,458,859.8	30,779,229.1	E	
01/15/21	07:00	49.3	76.7	114.2	26.8	1,274.9	E	1,425,425.0	30,944,381.2	E			
01/15/21	08:00	38.8	75.3	106.7	22.3	1,233.8	E	1,270,012.8	30,942,896.5	E			
01/15/21	09:00	41.5	43.2	122.6	23.5	1,214.9	E	1,163,854.4	30,805,105.9	E			
01/15/21	10:00	55.7	45.3	147.5	28.9	1,200.4	E	1,188,691.1	30,645,130.7	E			
01/15/21	11:00	57.4	51.6	146.8	27.5	1,149.8	E	1,138,402.0	30,318,371.7	E			
01/15/21	12:00	52.8	55.3	143.6	26.4	1,102.8	E	1,117,333.4	29,896,676.5	E			
01/15/21	13:00	90.9	67.0	182.1	26.8	1,059.2	E	893,748.3	29,353,802.2	E			
01/15/21	14:00	66.0	69.9	155.8	23.7	1,019.4	E	925,709.9	28,906,631.4	E			
01/15/21	15:00	46.4	67.8	136.5	23.5	955.4	E	1,045,270.7	28,494,027.5	E			
01/15/21	16:00	859.3	323.9	E	915.9	156.1	1,067.5	E	1,035,107.5	28,249,156.8	E		
01/15/21	17:00	597.7	501.1	E	668.9	106.8	1,147.1	E	970,291.1	28,002,969.8	E		
01/15/21	18:00	70.7	509.2	E	152.3	25.0	1,009.3	E	997,360.2	27,805,257.7	E		
01/15/21	19:00	98.5	255.6	E	171.5	28.8	940.2	E	1,020,697.6	27,618,777.6	E		
01/15/21	20:00	518.4	229.2	E	578.4	86.1	964.1	E	903,706.5	27,350,428.9	E		
01/15/21	21:00	1,848.1	821.6	E	1,861.8	294.2	1,199.1	E	959,958.6	27,151,026.0	E		
01/15/21	22:00	1,500.8	1,289.1	E	1,533.5	248.5	1,409.6	E	984,392.4	26,940,289.1	E		
01/15/21	23:00	1,714.7	1,687.9	E	1,744.5	229.9	1,607.8	E	800,406.7	26,543,606.3	E		
01/16/21	00:00	1,337.9	1,517.8	E	1,374.6	179.2	1,762.7	E	791,926.1	26,157,858.5	E		
01/16/21	01:00	850.8	1,301.1	E	909.6	106.7	1,830.4	E	712,263.0	25,665,080.0	E		
01/16/21	02:00	1,162.4	1,117.0	E	1,206.5	104.4	1,908.7	E	525,664.0	24,958,883.9	E		
01/16/21	03:00	429.5	814.2	E	502.5	61.5	1,947.7	E	743,773.4	24,506,304.3	E		
01/16/21	04:00	474.0	688.6	E	553.1	71.2	2,000.8	E	782,258.3	24,062,669.7	E		
01/16/21	05:00	1,034.6	C	646.0	E	1,092.7	C	143.8	2,121.8	E	799,396.8	23,654,509.6	E
01/16/21	06:00	498.9	C	669.2	E	573.4	C	87.7	2,159.3	E	928,654.2	23,124,304.0	E
01/16/21	07:00	166.0	566.5	E	252.3	39.8	2,172.2	E	957,016.7	22,655,895.7	E		

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01/16/21	08:00	334.1	333.0 E	416.8	66.6	2,216.5 E	970,053.8	22,355,936.8 E
01/16/21	09:00	344.5	281.5 E	427.5	63.9	2,256.8 E	907,361.3	22,099,443.6 E
01/16/21	10:00	228.6	302.4 E	320.3	45.7	2,273.7 E	866,351.5	21,777,104.0 E
01/16/21	11:00	750.5	441.2 E	810.7	105.0	2,351.1 E	786,510.5	21,425,212.4 E
01/16/21	12:00	1,089.5	689.5 E	1,140.7	182.9	2,507.6 E	974,097.1	21,281,976.1 E
01/16/21	13:00	857.0	899.0 E	911.1	146.1	2,626.9 E	973,981.3	21,362,209.2 E
01/16/21	14:00	1,084.3	1,010.3 E	1,124.6	178.2	2,781.4 E	962,571.3	21,399,070.6 E
01/16/21	15:00	2,599.3	1,513.6 E	2,560.2	429.0	3,186.9 E	1,017,825.8	21,371,625.6 E
01/16/21	16:00	1,858.2	1,847.3 E	1,846.4	196.2	3,227.0 E	645,488.9	20,982,007.0 E
01/16/21	17:00	2,252.6	2,236.7 E	2,200.3	207.3	3,327.5 E	572,391.0	20,584,106.9 E
01/16/21	18:00	1,475.2	1,862.0 E	1,468.0	188.3	3,490.8 E	779,245.7	20,365,992.4 E
01/16/21	19:00	1,617.3	1,781.7 E	1,604.2	194.1	3,656.1 E	735,138.2	20,080,433.0 E
01/16/21	20:00	1,504.0	1,532.2 E	1,499.6	170.6	3,740.7 E	691,251.4	19,867,977.9 E
01/16/21	21:00	1,612.0	1,577.8 E	1,600.0	184.5	3,631.0 E	700,573.3	19,608,592.6 E
01/16/21	22:00	1,136.9	1,417.6 E	1,144.1	118.8	3,501.4 E	631,009.1	19,255,209.4 E
01/16/21	23:00	1,142.9	1,297.2 E	1,151.2	109.9	3,381.4 E	579,866.8	19,034,669.5 E
01/17/21	00:00	2,208.8	1,496.2 E	2,158.2	175.3	3,377.5 E	493,351.0	18,736,094.4 E
01/17/21	01:00	2,470.9	1,940.9 E	2,404.2	207.5	3,478.3 E	524,179.0	18,548,010.4 E
01/17/21	02:00	2,475.9	2,385.2 E	2,410.8	226.6	3,600.4 E	570,887.7	18,593,234.1 E
01/17/21	03:00	2,310.2	2,419.0 E	2,257.5	213.2	3,752.1 E	573,546.5	18,423,007.1 E
01/17/21	04:00	2,203.4	2,329.8 E	2,158.3	200.0	3,880.8 E	562,809.9	18,203,558.7 E
01/17/21	05:00	2,250.1 C	2,254.5 E	2,201.0 C	198.0	3,935.0 E	546,459.4	17,950,621.3 E
01/17/21	06:00	1,053.4 C	1,835.6 E	1,065.9 C	101.9	3,949.2 E	580,483.0	17,602,450.1 E
01/17/21	07:00	1,705.8	1,669.7 E	1,688.0	144.7	4,054.1 E	520,562.3	17,165,995.7 E
01/17/21	08:00	2,412.5	1,723.9 E	2,364.0	163.4	4,150.9 E	419,754.3	16,615,696.1 E
01/17/21	09:00	2,130.2	2,082.8 E	2,093.6	191.8	4,278.9 E	556,548.1	16,264,882.9 E
01/17/21	10:00	1,440.9	1,994.5 E	1,441.7	149.3	4,382.5 E	629,069.7	16,027,601.1 E
01/17/21	11:00	1,008.9	1,526.7 E	1,036.9	118.5	4,396.0 E	694,189.8	15,935,280.5 E

01/17/21	12:00	573.7	1,007.8	E	629.0	70.8	4,283.9	E	683,879.5	15,645,062.9	E		
01/17/21	13:00	525.4	702.7	E	590.0	68.4	4,206.2	E	704,062.2	15,375,143.8	E		
01/17/21	14:00	404.1	501.0	E	477.8	58.5	4,086.5	E	743,685.0	15,156,257.5	E		
01/17/21	15:00	344.4	424.6	E	424.5	49.5	3,707.0	E	708,146.1	14,846,577.8	E		
01/17/21	16:00	291.9	346.8	E	370.8	46.4	3,557.2	E	760,624.0	14,961,712.9	E		
01/17/21	17:00	139.6	258.6	E	227.9	31.1	3,381.0	E	829,141.7	15,218,463.6	E		
01/17/21	18:00	75.1	168.8	E	161.1	22.2	3,214.9	E	837,242.5	15,276,460.4	E		
01/17/21	19:00	445.8	220.1	E	517.2	66.5	3,087.2	E	780,667.7	15,321,989.9	E		
01/17/21	20:00	1,039.3	520.0	E	1,087.7	133.4	3,050.0	E	744,816.7	15,375,555.2	E		
01/17/21	21:00	980.4	821.8	E	1,033.7	136.3	3,001.7	E	801,012.7	15,475,994.6	E		
01/17/21	22:00	837.4	952.4	E	895.3	111.5	2,994.4	E	756,493.6	15,601,479.1	E		
01/17/21	23:00	836.3	884.7	E	892.7	122.0	3,006.5	E	829,945.3	15,851,557.6	E		
01/18/21	00:00	2,157.7	1,277.1	E	2,179.9	313.3	3,144.5	E	873,038.5	16,231,245.1	E		
01/18/21	01:00	2,836.5	1,943.5	E	2,826.3	402.0	3,339.0	E	864,054.4	16,571,120.4	E		
01/18/21	02:00	1,409.5	2,134.5	E	1,457.2	184.3	3,296.8	E	768,401.2	16,768,633.9	E		
01/18/21	03:00	921.4	1,722.5	E	982.1	129.2	3,212.9	E	799,126.0	16,994,213.4	E		
01/18/21	04:00	869.0	1,066.6	E	925.6	127.5	3,140.4	E	836,781.5	17,268,185.0	E		
01/18/21	05:00	1,061.0	C	950.5	E	1,117.1	C	152.2	3,094.6	E	827,693.0	17,549,418.6	E
01/18/21	06:00	1,347.9	C	1,092.6	E	1,382.4	C	186.9	3,179.7	E	815,422.8	17,784,358.4	E
01/18/21	07:00	1,402.5	1,270.5	E	1,442.0	181.9	3,216.9	E	766,370.0	18,030,166.1	E		
01/18/21	08:00	1,144.6	1,298.3	E	1,192.7	175.2	3,228.8	E	892,307.5	18,502,719.4	E		
01/18/21	09:00	1,204.9	1,250.7	E	1,256.8	180.6	3,217.6	E	873,070.2	18,819,241.4	E		
01/18/21	10:00	1,007.8	1,119.1	E	1,075.6	176.1	3,244.3	E	994,349.5	19,184,521.3	E		
01/18/21	11:00	947.4	1,053.4	E	1,022.7	167.2	3,293.1	E	993,388.0	19,483,719.5	E		
01/18/21	12:00	1,078.5	1,011.2	E	1,144.4	151.4	3,373.6	E	803,402.8	19,603,242.8	E		
01/18/21	13:00	1,495.1	1,173.7	E	1,530.0	242.5	3,547.8	E	962,973.1	19,862,153.7	E		
01/18/21	14:00	958.6	1,177.4	E	1,013.5	136.5	3,625.8	E	818,357.2	19,936,825.9	E		
01/18/21	15:00	714.7	1,056.1	E	778.9	140.9	3,717.3	E	1,099,011.7	20,327,691.6	E		

CONFIDENTIAL

01/18/21	16:00	714.8	796.1 E	774.5	120.4	3,791.3 E	944,436.3	20,511,503.9 E
01/18/21	17:00	1,245.8	891.8 E	1,297.2	231.4	3,991.5 E	1,083,400.1	20,765,762.4 E
01/18/21	18:00	2,277.6	1,412.7 E	2,381.2	429.1	4,398.4 E	1,094,718.3	21,023,238.2 E
01/18/21	19:00	1,083.0	1,535.4 E	1,243.0	214.5	4,546.5 E	1,048,519.9	21,291,090.4 E
01/18/21	20:00	740.2	1,366.9 E	767.5	126.2	4,539.3 E	998,453.8	21,544,727.5 E
01/18/21	21:00	566.5	796.6 E	585.1	106.1	4,509.1 E	1,101,360.4	21,845,075.2 E
01/18/21	22:00	418.1	574.9 E	460.2	82.3	4,479.8 E	1,085,837.8	22,174,419.4 E
01/18/21	23:00	357.2	447.3 E	405.9	70.3	4,428.2 E	1,051,820.7	22,396,294.7 E
01/19/21	00:00	646.4	473.9 E	700.7	121.2	4,236.0 E	1,050,641.4	22,573,897.7 E
01/19/21	01:00	388.4	464.0 E	460.3	77.7	3,911.7 E	1,025,853.5	22,735,696.9 E
01/19/21	02:00	448.2	494.3 E	519.2	76.7	3,804.1 E	897,083.4	22,864,379.0 E
01/19/21	03:00	740.5	525.7 E	802.4	116.1	3,791.0 E	879,238.3	22,944,491.4 E
01/19/21	04:00	1,145.1	777.9 E	1,224.1	178.4	3,841.9 E	885,320.0	22,993,029.9 E
01/19/21	05:00	929.8 C	938.5 E	1,017.7 C	143.4	3,833.1 E	855,667.5	23,021,004.4 E
01/19/21	06:00	7,626.1 C	3,233.7 E	7,469.2 C	1,296.8	4,943.0 E	1,054,657.0	23,260,238.5 E
01/19/21	07:00	5,929.3	4,828.4 E	5,825.0	813.7	5,574.7 E	848,552.8	23,342,421.3 E
01/19/21	08:00	5,608.9	6,388.1 E	5,505.6	866.4	6,265.9 E	955,893.6	23,406,007.4 E
01/19/21	09:00	4,536.8	5,358.3 E	4,456.0	640.6	6,725.9 E	873,244.8	23,406,182.0 E
01/19/21	10:00	5,455.8	5,200.5 E	5,338.5	837.4	7,387.2 E	952,808.0	23,364,640.5 E
01/19/21	11:00	5,226.6	5,073.1 E	5,171.9	856.6	8,076.5 E	1,006,042.2	23,377,294.7 E
01/19/21	12:00	5,655.9	5,446.1 E	5,611.3	915.8	8,840.9 E	991,362.8	23,565,254.7 E
01/19/21	13:00	6,893.0	5,925.2 E	6,752.4	1,241.8	9,840.2 E	1,117,121.3	23,719,402.9 E
01/19/21	14:00	7,220.5	6,589.8 E	7,035.1	1,274.7	10,978.3 E	1,100,630.2	24,001,675.8 E
01/19/21	15:00	8,779.3	7,630.9 E	8,493.4	1,527.4	12,364.8 E	1,092,429.7	23,995,093.8 E
01/19/21	16:00	9,291.1	8,430.3 E	8,988.9	1,633.7	13,878.2 E	1,104,046.7	24,154,704.2 E
01/19/21	17:00	9,596.5	9,222.3 E	9,319.0	1,665.2	15,312.0 E	1,085,436.3	24,156,740.4 E
01/19/21	18:00	7,186.0	8,691.2 E	7,036.8	1,394.9	16,277.8 E	1,204,179.4	24,266,201.5 E
01/19/21	19:00	6,386.8	7,723.1 E	6,264.8	1,178.1	17,241.4 E	1,142,338.4	24,360,020.0 E

CONFIDENTIAL

01/19/21	20:00	1,432.4	5,001.8	E	1,488.3	250.6	17,365.9	E	1,023,019.9	24,384,586.1	E		
01/19/21	21:00	377.9	2,732.4	E	466.7	82.4	17,342.2	E	1,072,239.3	24,355,465.0	E		
01/19/21	22:00	358.9	723.1	E	450.6	76.4	17,336.3	E	1,029,676.8	24,299,304.0	E		
01/19/21	23:00	491.9	409.6	E	585.0	103.5	17,369.6	E	1,075,235.4	24,322,718.7	E		
01/20/21	00:00	570.5	473.8	E	657.8	122.2	17,370.6	E	1,128,815.7	24,400,893.0	E		
01/20/21	01:00	629.8	564.1	E	724.8	131.2	17,424.0	E	1,099,206.7	24,474,246.2	E		
01/20/21	02:00	716.9	639.1	E	811.3	130.0	17,477.3	E	973,043.2	24,550,206.0	E		
01/20/21	03:00	665.6	670.8	E	750.1	124.2	17,485.4	E	1,005,702.9	24,676,670.6	E		
01/20/21	04:00	711.4	698.0	E	802.0	126.1	17,433.1	E	955,246.3	24,746,597.0	E		
01/20/21	05:00	796.6	C	724.5	E	878.5	C	146.4	17,436.1	E	1,012,256.6	24,903,186.1	E
01/20/21	06:00	1,023.8	C	843.9	E	1,100.3	C	151.6	16,290.9	E	837,103.8	24,685,632.9	E
01/20/21	07:00	598.5	806.3	E	688.2	113.7	15,590.9	E	1,003,252.9	24,840,333.1	E		
01/20/21	08:00	805.0	809.1	E	891.6	137.8	14,862.4	E	939,107.3	24,823,546.8	E		
01/20/21	09:00	1,046.8	816.7	E	1,155.5	198.4	14,420.2	E	1,042,992.3	24,993,294.4	E		
01/20/21	10:00	3,543.9	1,798.5	E	3,635.3	700.5	14,283.3	E	1,170,475.4	25,210,961.8	E		
01/20/21	11:00	7,633.8	4,074.8	E	7,591.3	1,799.8	15,226.5	E	1,440,166.3	25,645,085.9	E		
01/20/21	12:00	4,428.8	5,202.2	E	4,456.6	983.9	15,294.7	E	1,341,116.7	25,994,839.8	E		
01/20/21	13:00	7,622.1	6,561.6	E	7,525.1	1,873.3	15,926.2	E	1,512,209.4	26,389,927.9	E		
01/20/21	14:00	6,841.7	6,297.5	E	6,789.1	1,754.9	16,406.4	E	1,570,146.0	26,859,443.7	E		
01/20/21	15:00	6,380.8	6,948.2	E	6,346.0	1,651.8	16,530.8	E	1,581,173.3	27,348,187.3	E		
01/20/21	16:00	11,307.8	8,176.8	E	11,054.0	2,663.1	17,560.2	E	1,463,474.0	27,707,614.6	E		
01/20/21	17:00	6,920.2	8,202.9	E	6,863.1	1,746.1	17,641.1	E	1,545,453.3	28,167,631.6	E		
01/20/21	18:00	8,428.0	8,885.3	E	8,323.8	2,039.5	18,285.6	E	1,488,368.8	28,451,821.0	E		
01/20/21	19:00	7,676.2	7,674.8	E	7,596.3	1,921.7	19,029.2	E	1,536,719.5	28,846,202.1	E		
01/20/21	20:00	9,770.5	8,624.9	E	9,581.2	1,721.3	20,499.8	E	1,091,276.2	28,914,458.4	E		
01/20/21	21:00	10,065.9	9,170.8	E	9,862.2	2,063.8	22,481.3	E	1,271,184.4	29,113,403.5	E		
01/20/21	22:00	8,080.6	9,305.7	E	7,950.8	1,760.1	24,165.0	E	1,344,729.4	29,428,456.1	E		
01/20/21	23:00	7,214.2	8,453.6	E	7,119.1	1,439.1	25,500.5	E	1,227,918.1	29,581,138.8	E		

01/21/21	00:00	3,939.4	6,411.4	E	3,964.1	777.0	26,155.3	E	1,190,616.8	29,642,939.8	E		
01/21/21	01:00	3,682.0	4,945.2	E	3,725.3	709.6	26,733.7	E	1,157,038.3	29,700,771.5	E		
01/21/21	02:00	3,612.5	3,744.6	E	3,646.9	704.5	27,308.2	E	1,173,465.0	29,901,193.3	E		
01/21/21	03:00	3,718.2	3,670.9	E	3,745.9	715.6	27,899.7	E	1,160,513.8	30,056,004.2	E		
01/21/21	04:00	4,824.9	4,051.8	E	4,813.8	954.3	28,727.9	E	1,204,208.4	30,304,966.3	E		
01/21/21	05:00	3,130.1	C	3,891.0	E	3,170.4	C	589.6	29,171.1	E	1,129,758.0	30,422,467.7	E
01/21/21	06:00	3,415.3	C	3,790.1	E	3,443.4	C	647.7	29,667.2	E	1,142,680.2	30,728,044.1	E
01/21/21	07:00	2,599.9	3,048.4	E	2,657.2	495.4	30,049.0	E	1,132,505.6	30,857,296.7	E		
01/21/21	08:00	2,055.3	2,690.1	E	2,123.9	395.5	30,306.6	E	1,131,116.5	31,049,306.0	E		
01/21/21	09:00	2,179.5	2,278.2	E	2,255.7	449.3	30,557.5	E	1,209,996.8	31,216,310.5	E		
01/21/21	10:00	2,793.0	2,342.6	E	2,859.2	620.1	30,477.2	E	1,317,433.0	31,363,268.0	E		
01/21/21	11:00	2,106.7	2,359.8	E	2,206.3	469.1	29,146.5	E	1,291,518.0	31,214,619.6	E		
01/21/21	12:00	769.0	1,889.6	E	890.3	149.2	28,311.7	E	1,018,035.8	30,891,538.8	E		
01/21/21	13:00	621.3	1,165.7	E	792.7	149.7	26,588.2	E	1,147,462.4	30,526,791.8	E		
01/21/21	14:00	351.3	580.6	E	523.1	98.0	24,931.3	E	1,137,602.9	30,094,248.7	E		
01/21/21	15:00	80.1	350.9	E	250.4	48.6	23,328.1	E	1,179,929.8	29,693,005.2	E		
01/21/21	16:00	1,633.9	688.4	E	1,762.9	323.2	20,988.1	E	1,113,708.3	29,343,239.6	E		
01/21/21	17:00	8,393.4	3,369.2	E	8,245.9	2,265.7	21,507.7	E	1,669,077.1	29,466,863.4	E		
01/21/21	18:00	7,607.3	5,878.2	E	7,463.5	1,615.6	21,083.8	E	1,314,921.7	29,293,416.3	E		
01/21/21	19:00	3,725.5	6,575.4	E	3,744.8	774.9	19,937.0	E	1,256,991.1	29,013,687.8	E		
01/21/21	20:00	4,342.7	5,225.2	E	4,331.6	905.2	19,121.0	E	1,269,426.8	29,191,838.5	E		
01/21/21	21:00	3,813.0	3,960.4	E	3,828.0	777.5	17,834.7	E	1,233,798.7	29,154,452.9	E		
01/21/21	22:00	4,227.4	4,127.7	E	4,229.2	852.7	16,927.3	E	1,224,789.9	29,034,513.3	E		
01/21/21	23:00	4,524.6	4,188.4	E	4,534.0	976.5	16,464.7	E	1,308,245.9	29,114,841.1	E		
01/22/21	00:00	5,523.7	4,758.6	E	5,512.1	965.7	16,653.4	E	1,064,241.6	28,988,466.0	E		
01/22/21	01:00	4,871.8	4,973.4	E	4,853.9	1,005.0	16,948.9	E	1,257,766.2	29,089,193.8	E		
01/22/21	02:00	4,085.8	4,827.1	E	4,095.4	727.3	16,971.7	E	1,078,758.2	28,994,487.0	E		
01/22/21	03:00	4,226.7	4,394.8	E	4,218.2	763.3	17,019.4	E	1,099,260.8	28,933,234.0	E		

CONFIDENTIAL

01/22/21	04:00	14,870.7	7,727.7 E	14,473.3	2,111.3	18,176.4 E	886,124.2	28,615,149.7 E
01/22/21	05:00	20,820.5 C	13,306.0 E	19,695.1 C	491.3	18,078.0 E	151,523.7	27,636,915.5 E
01/22/21	06:00	17,482.3 C	17,724.5 E	15,945.2 C	594.8	18,025.1 E	226,586.6	26,720,821.9 E
01/22/21	07:00	12,483.3	16,928.7 E	11,401.9	382.6	17,912.3 E	203,834.3	25,792,150.7 E
01/22/21	08:00	2,581.4	10,849.0 E	2,296.4	40.4	17,557.2 E	106,868.0	24,767,902.1 E
01/22/21	09:00	6,308.0	7,124.2 E	5,438.2	107.7	17,215.5 E	120,247.1	23,678,152.3 E
01/22/21	10:00	2,691.3	3,860.2 E	2,507.0	106.4	16,701.8 E	257,761.6	22,618,481.0 E
01/22/21	11:00	2,449.4	3,816.2 E	2,335.6	146.7	16,379.4 E	381,551.9	21,708,514.9 E
01/22/21	12:00	1,763.1	2,301.3 E	1,715.0	150.0	16,380.3 E	531,459.3	21,221,938.3 E
01/22/21	13:00	951.4	1,721.3 E	983.5	120.1	16,350.7 E	742,046.8	20,816,522.6 E
01/22/21	14:00	921.8	1,212.1 E	983.7	149.6	16,402.3 E	923,781.7	20,602,701.4 E
01/22/21	15:00	530.5	801.2 E	622.5	110.5	16,464.2 E	1,078,578.4	20,501,350.1 E
01/22/21	16:00	391.5	614.6 E	495.9	98.2	16,239.2 E	1,202,710.0	20,590,351.7 E
01/22/21	17:00	248.2	390.0 E	360.1	64.5	14,037.9 E	1,087,713.3	20,008,987.9 E
01/22/21	18:00	20,147.2	6,928.9 E	19,571.7	3,877.8	16,300.1 E	1,203,548.4	19,897,614.6 E
01/22/21	19:00	1,446.2	7,280.5 E	1,504.1	341.3	15,866.5 E	1,378,483.3	20,019,106.7 E
01/22/21	20:00	1,227.6	7,607.0 E	1,294.6	294.2	15,255.5 E	1,380,591.8	20,130,271.7 E
01/22/21	21:00	712.1	1,128.7 E	794.4	185.7	14,663.8 E	1,420,381.5	20,316,854.4 E
01/22/21	22:00	644.9	861.6 E	739.1	181.1	13,992.2 E	1,488,609.5	20,580,674.1 E
01/22/21	23:00	4,664.8	2,007.3 E	4,642.5	1,105.5	14,121.2 E	1,446,483.9	20,718,912.1 E
01/23/21	00:00	5,620.6	3,643.5 E	5,574.7	1,438.8	14,594.3 E	1,567,814.9	21,222,485.4 E
01/23/21	01:00	5,018.0	5,101.2 E	4,977.0	1,252.2	14,841.5 E	1,528,296.1	21,493,015.3 E
01/23/21	02:00	7,399.0	6,012.5 E	7,260.3	1,631.9	15,746.1 E	1,365,377.8	21,779,634.9 E
01/23/21	03:00	6,590.3	6,335.8 E	6,494.6	1,712.8	16,695.5 E	1,602,005.9	22,282,380.0 E
01/23/21	04:00	6,292.4	6,760.6 E	6,217.3	1,650.8	16,235.0 E	1,612,900.0	23,009,155.9 E
01/23/21	05:00	6,008.2 C	6,297.0 E	5,952.5 C	1,550.2	17,294.0 E	1,581,975.3	24,439,607.4 E
01/23/21	06:00	5,777.0 C	6,025.9 E	5,726.6 C	1,465.4	18,164.6 E	1,554,379.1	25,767,399.9 E
01/23/21	07:00	6,163.2	5,982.8 E	6,104.7	1,593.7	19,375.7 E	1,585,816.9	27,149,382.4 E

CONFIDENTIAL

01/23/21	08:00	5,712.7	5,884.3 E	5,677.6	1,456.1	20,791.4 E	1,557,895.8	28,600,410.2 E
01/23/21	09:00	5,983.2	5,953.0 E	5,925.8	1,562.9	22,246.7 E	1,602,167.2	30,082,330.4 E
01/23/21	10:00	6,420.3	6,038.7 E	6,347.8	1,649.4	23,789.8 E	1,578,426.8	31,402,995.6 E
01/23/21	11:00	7,979.4	6,794.3 E	7,809.5	1,732.5	25,375.6 E	1,347,620.2	32,369,063.9 E
01/23/21	12:00	13,888.5	9,429.4 E	13,324.6	516.2	25,741.7 E	235,330.8	32,072,935.4 E
01/23/21	13:00	27,936.1	16,601.3 E	26,279.4	1,025.9	26,647.5 E	237,139.5	31,568,028.2 E
01/23/21	14:00	19,752.6	20,525.7 E	18,279.7	468.1	26,966.0 E	155,558.2	30,799,804.7 E
01/23/21	15:00	6,104.6	17,931.1 E	5,879.5	396.5	27,252.0 E	409,631.1	30,130,857.5 E
01/23/21	16:00	924.6	8,927.3 E	959.7	82.0	27,235.8 E	519,200.1	29,447,347.5 E
01/23/21	17:00	372.8	2,467.3 E	437.5	44.8	27,216.1 E	621,418.7	28,981,052.9 E
01/23/21	18:00	820.3	705.9 E	864.0	63.8	23,402.1 E	448,316.9	28,225,821.4 E
01/23/21	19:00	1,136.0	776.4 E	1,162.2	110.6	23,171.3 E	577,953.9	27,425,292.0 E
01/23/21	20:00	1,262.3	1,072.9 E	1,313.8	144.8	23,021.9 E	669,396.2	26,714,096.4 E
01/23/21	21:00	1,209.5	1,202.6 E	1,255.3	160.0	22,996.1 E	774,161.2	26,067,876.0 E
01/23/21	22:00	1,026.2	1,166.0 E	1,072.2	129.6	22,944.6 E	734,500.2	25,313,766.7 E
01/23/21	23:00	833.1	1,022.9 E	880.0	106.7	21,945.9 E	736,800.8	24,604,083.6 E
01/24/21	00:00	335.8	731.7 E	413.8	76.2	20,583.3 E	1,119,054.8	24,155,323.5 E
01/24/21	01:00	380.3	516.4 E	468.2	83.7	19,414.8 E	1,086,229.2	23,713,256.6 E
01/24/21	02:00	289.8	335.3 E	380.5	69.7	17,852.6 E	1,113,263.0 *	23,461,141.8 E
01/24/21	03:00	867.5	512.6 E	946.7	173.3	16,313.1 E	1,111,969.6 *	22,971,105.4 E
01/24/21	04:00	2,604.3	1,253.9 E	2,623.6	403.6	15,065.9 E	934,510.2	22,292,715.6 E
01/24/21	05:00	1,614.3 C	1,695.4 E	1,654.7 C	271.9	13,787.6 E	998,248.7	21,708,989.0 E
01/24/21	06:00	1,444.0 C	1,887.5 E	1,488.8 C	224.8	12,547.0 E	917,094.4	21,071,704.4 E
01/24/21	07:00	1,825.9	1,628.0 E	1,849.9	219.7	11,173.0 E	721,335.3	20,207,222.8 E
01/24/21	08:00	1,621.9	1,630.6 E	1,662.0	272.3	9,989.2 E	995,386.8	19,644,713.8 E
01/24/21	09:00	1,813.0	1,753.6 E	1,862.2	335.5	8,761.7 E	1,094,281.6	19,136,828.1 E
01/24/21	10:00	1,184.4	1,539.7 E	1,257.1	271.1	7,383.4 E	1,310,050.1	18,868,451.4 E
01/24/21	11:00	1,139.0	1,378.8 E	1,217.8	277.8	5,928.7 E	1,385,704.9	18,906,536.1 E

CONFIDENTIAL

01/24/21	12:00	2,206.4	1,509.9	E	2,222.2	361.3	5,773.7	E	987,571.2	19,658,776.5	E		
01/24/21	13:00	1,932.8	1,759.4	E	1,956.5	312.0	5,059.8	E	968,757.1	20,390,394.1	E		
01/24/21	14:00	2,295.3	2,144.8	E	2,305.5	405.9	4,997.7	E	1,069,588.1	21,304,423.9	E		
01/24/21	15:00	7,895.6	4,041.2	E	7,678.3	1,578.7	6,179.9	E	1,248,939.5	22,143,732.3	E		
01/24/21	16:00	8,866.1	6,352.3	E	8,608.4	1,860.8	7,958.7	E	1,313,097.4	22,937,629.7	E		
01/24/21	17:00	3,483.1	6,748.3	E	3,454.6	618.1	8,532.1	E	1,086,896.3	23,403,107.3	E		
01/24/21	18:00	2,782.1	5,043.8	E	2,777.0	507.8	8,976.0	E	1,110,680.9	24,065,471.3	E		
01/24/21	19:00	9,290.7	5,185.3	E	9,013.9	1,377.5	10,243.0	E	928,306.6	24,415,824.1	E		
01/24/21	20:00	16,232.9	9,435.2	E	15,653.5	2,109.1	12,207.3	E	818,464.9	24,564,892.8	E		
01/24/21	21:00	19,152.3	14,892.0	E	18,454.4	2,287.7	14,335.1	E	753,032.4	24,543,764.0	E		
01/24/21	22:00	16,542.5	17,309.3	E	15,996.4	2,987.2	17,192.7	E	1,134,377.3	24,943,641.1	E		
01/24/21	23:00	18,906.8	18,200.6	E	18,260.3	2,974.0	20,059.9	E	989,328.3	25,196,168.6	E		
01/25/21	00:00	16,501.4	17,316.9	E	15,994.3	3,330.2	23,313.9	E	1,264,792.8	25,341,906.5	E		
01/25/21	01:00	22,831.6	19,413.3	E	22,093.8	5,224.8	28,455.0	E	1,436,508.2	25,692,185.5	E		
01/25/21	02:00	27,267.3	22,200.1	E	26,389.0	6,765.5	35,150.9	E	1,557,360.6	26,136,283.2	E		
01/25/21	03:00	26,255.9	25,451.6	E	25,441.6	6,785.7	41,763.2	E	1,620,153.4	26,644,467.0	E		
01/25/21	04:00	24,404.6	25,975.9	E	23,659.1	6,219.7	47,579.2	E	1,596,899.9	27,306,856.7	E		
01/25/21	05:00	12,061.2	ITC	25,330.3	E	22,258.2	C	5,483.7	52,791.0	E	1,496,554.5	27,805,162.5	E
01/25/21	06:00	21,420.4	ITC	24,404.6	E	22,096.7	C	5,117.8	57,684.1	E	1,406,909.1	28,294,977.1	E
01/25/21	07:00	22,028.6	IT	I	21,322.7	5,090.7	62,555.1	E	1,450,266.6	29,023,908.3	E		
01/25/21	08:00	22,282.2	IT	I	21,553.3	4,801.9	67,084.7	E	1,353,351.1	29,381,872.7	E		
01/25/21	09:00	20,234.7	IT	I	19,564.2	4,807.3	71,556.6	E	1,492,625.7	29,780,216.8	E		
01/25/21	10:00	17,921.3	IT	I	17,380.9	4,425.9	75,711.3	E	1,546,811.0	30,016,977.7	E		
01/25/21	11:00	15,745.9	IT	I	15,291.8	3,908.8	79,342.4	E	1,552,727.4	30,184,000.2	E		
01/25/21	12:00	19,329.5	IT	I	18,691.3	3,941.0	82,922.1	E	1,280,777.9	30,477,206.9	E		
01/25/21	13:00	21,223.5	IT	I	20,477.7	4,767.9	87,377.9	E	1,414,333.3	30,922,783.0	E		
01/25/21	14:00	21,771.2	IT	I	21,006.0	5,298.0	92,270.0	E	1,532,064.4	31,385,259.3	E		
01/25/21	15:00	20,457.6	ITC	I	22,455.3	C	5,390.8	96,082.1	E	1,458,286.2	31,594,606.0	E	

CONFIDENTIAL

01/25/21	16:00	9,003.0	I*T	I	20,126.6	*MC	3,131.4	*	97,352.6	E	945,091.5	31,226,600.0	E
01/25/21	17:00	2,404.3	ITM	I	2,474.7	IMC		IC	97,352.6	E	1,235,579.9	31,375,283.7	E
01/25/21	18:00	16,637.4		16,637.4 E	16,090.2		2,231.6		98,966.1	E	842,499.0	31,107,101.8	E
01/25/21	19:00	15,195.5		15,916.4 E	14,743.6		2,366.5		100,824.9	E	975,018.7	31,153,813.9	E
01/25/21	20:00	12,953.9		14,928.9 E	12,653.7		2,398.3		101,845.6	E	1,151,304.0	31,486,653.0	E
01/25/21	21:00	14,995.2		14,381.5 E	14,619.0		2,837.1		102,573.6	E	1,178,856.3	31,912,476.9	E
01/25/21	22:00	14,595.9		14,181.7 E	14,252.2		2,624.3		102,910.1	E	1,118,499.5	31,896,599.1	E
01/25/21	23:00	11,476.4		13,689.2 E	11,211.5		2,002.0		101,924.9	E	1,084,709.6	31,991,980.4	E
01/26/21	00:00	9,988.8		12,020.4 E	9,757.0		1,986.7		100,937.6	E	1,236,857.6	31,964,045.3	E
01/26/21	01:00	11,998.0		11,154.4 E	11,716.5		1,840.5		99,447.8	E	954,216.0	31,481,753.1	E
01/26/21	02:00	10,416.4		10,801.0 E	10,210.5		1,497.0		95,720.0	E	890,595.2	30,814,987.7	E
01/26/21	03:00	12,638.2		11,684.2 E	12,275.3		1,424.6		90,379.0	E	704,943.9	29,899,778.3	E
01/26/21	04:00	7,796.6		10,283.7 E	7,602.8		1,194.4		84,787.7	E	954,284.6	29,257,162.9	E
01/26/21	05:00	5,523.0	C	8,652.6 E	5,418.5 C		754.4		79,322.5	E	845,780.5	28,606,389.0	E
01/26/21	06:00	12,671.2	C	8,663.6 E	12,261.6 C		1,618.5		75,457.2	E	801,789.9	28,001,269.8	E
01/26/21	07:00	7,665.1		8,619.8 E	7,463.2		949.2		71,288.6	E	772,544.1	27,323,547.4	E
01/26/21	08:00	718.5		7,018.3 E	808.0		125.3		66,323.1	E	941,934.5	26,912,130.7	E
01/26/21	09:00	581.8		2,988.5 E	638.9		93.7		61,615.0	E	891,222.9	26,310,727.9	E
01/26/21	10:00	837.4		712.6 E	882.7		132.8		56,940.4	E	913,888.9	25,677,805.8	E
01/26/21	11:00	665.1		694.8 E	706.9		113.5		52,628.0	E	975,208.4	25,100,286.8	E
01/26/21	12:00	791.6		764.7 E	839.9		144.7		48,863.9	E	1,046,318.7	24,865,827.6	E
01/26/21	13:00	661.5		706.1 E	712.6		87.7		45,010.7	E	747,862.1	24,199,356.4	E
01/26/21	14:00	904.7		786.0 E	946.5		160.7		40,403.5	E	1,031,218.4	23,698,510.5	E
01/26/21	15:00	710.1		758.8 E	764.5		126.2		35,231.7	E	1,002,598.9	23,242,823.1	E
01/26/21	16:00	1,225.0		946.6 E	1,256.9		129.1		29,970.0	E	624,012.2	22,921,743.8	E
01/26/21	17:00	3,631.5		1,855.5 E	3,553.5		330.8		27,169.4	E	565,437.1	22,251,601.0	E
01/26/21	18:00	1,013.4		1,956.6 E	1,037.7		110.9		25,048.6	E	648,977.7	22,058,079.6	E
01/26/21	19:00	7,096.6		3,913.8 E	6,896.1		787.6		23,469.7	E	693,776.4	21,776,837.3	E

01/26/21	20:00	2,927.8	3,679.2 E	2,890.3	337.4	21,408.8 E	709,013.1	21,334,546.4 E
01/26/21	21:00	1,782.5	3,935.6 E	1,778.3	169.2	18,740.9 E	577,809.5	20,733,499.6 E
01/26/21	22:00	1,300.4	2,003.5 E	1,320.4	198.0	16,314.7 E	911,031.1	20,526,031.2 E
01/26/21	23:00	1,031.3	1,371.4 E	1,084.6	141.7	14,454.4 E	793,826.9	20,235,148.5 E
01/27/21	00:00	561.1	964.3 E	611.6	99.1	12,566.8 E	983,975.6	19,982,266.5 E
01/27/21	01:00	294.6	629.0 E	349.5	55.9	10,782.2 E	972,190.3	20,000,240.7 E
01/27/21	02:00	410.2	422.0 E	460.8	87.4	9,372.6 E	1,152,145.7	20,261,791.2 E
01/27/21	03:00	3,858.1	1,521.0 E	3,784.8	878.3	8,826.4 E	1,409,596.6	20,966,443.9 E
01/27/21	04:00	2,689.9	2,319.4 E	2,678.9	532.1	8,164.1 E	1,206,645.1	21,218,804.4 E
01/27/21	05:00	2,507.2 C	3,018.4 E	2,501.5 C	576.2	7,985.9 E	1,399,231.1	21,772,255.0 E
01/27/21	06:00	2,395.4 C	2,530.8 E	2,379.0 C	426.6	6,794.1 E	1,089,289.9	22,059,755.0 E
01/27/21	07:00	2,032.5	2,311.7 E	2,028.7	346.5	6,191.3 E	1,037,386.0	22,324,596.9 E
01/27/21	08:00	1,733.0	2,053.6 E	1,755.2	353.3	6,419.3 E	1,222,564.1	22,605,226.5 E
01/27/21	09:00	1,819.3	1,861.6 E	1,835.4	366.4	6,691.9 E	1,212,540.8	22,926,544.4 E
01/27/21	10:00	1,670.0	1,740.8 E	1,694.2	327.9	6,887.0 E	1,175,648.8	23,188,304.3 E
01/27/21	11:00	1,881.2	1,790.2 E	1,916.0	384.1	7,157.6 E	1,217,644.4	23,430,740.3 E
01/27/21	12:00	1,770.7	1,774.0 E	1,819.6	386.2	7,399.1 E	1,289,227.3	23,673,648.9 E
01/27/21	13:00	1,757.1	1,803.0 E	1,784.9	356.3	7,667.6 E	1,212,381.7	24,138,168.6 E
01/27/21	14:00	1,440.2	1,656.0 E	1,477.3	275.3	7,782.2 E	1,131,849.2	24,238,799.4 E
01/27/21	15:00	1,662.2	1,619.8 E	1,704.1	296.4	7,952.5 E	1,056,549.5	24,292,749.9 E
01/27/21	16:00	3,254.3	2,118.9 E	3,292.8	834.6	8,657.9 E	1,539,595.4	25,208,333.2 E
01/27/21	17:00	2,939.3	2,618.6 E	2,944.3	778.2	9,105.3 E	1,605,433.8	26,248,329.9 E
01/27/21	18:00	2,028.6	2,740.7 E	2,034.5	381.3	9,375.8 E	1,138,600.6	26,737,952.9 E
01/27/21	19:00	2,367.9	2,445.2 E	2,343.9	464.0	9,052.1 E	1,202,482.7	27,246,659.2 E
01/27/21	20:00	2,325.8	2,240.7 E	2,296.2	444.9	9,159.7 E	1,176,889.1	27,714,535.3 E
01/27/21	21:00	2,664.4	2,452.7 E	2,623.5	461.4	9,451.9 E	1,068,325.6	28,205,051.4 E
01/27/21	22:00	2,803.9	2,598.0 E	2,753.5	395.1	9,648.9 E	871,524.2	28,165,544.5 E
01/27/21	23:00	1,933.8	2,467.4 E	1,903.5	192.9	9,700.1 E	615,665.9	27,987,383.5 E

01/28/21	00:00	1,569.6	2,102.4	E	1,561.6	216.8	9,817.9	E	843,439.7	27,846,847.7	E		
01/28/21	01:00	1,756.0	1,753.1	E	1,744.6	177.4	9,939.3	E	617,558.7	27,492,216.1	E		
01/28/21	02:00	2,397.4	1,907.7	E	2,371.5	276.3	10,128.2	E	707,767.1	27,047,837.5	E		
01/28/21	03:00	2,956.6	2,370.0	E	2,974.5	345.2	9,595.1	E	705,015.9	26,343,256.8	E		
01/28/21	04:00	2,558.7	2,637.6	E	2,570.7	360.2	9,423.2	E	851,079.7	25,987,691.4	E		
01/28/21	05:00	2,066.5	C	2,527.2	E	2,095.4	C	322.8	9,169.7	E	935,715.2	25,524,175.5	E
01/28/21	06:00	3,039.8	C	2,555.0	E	3,094.8	C	384.3	9,127.5	E	754,387.2	25,189,272.8	E
01/28/21	07:00	2,389.0	2,498.4	E	2,423.5	311.0	9,092.0	E	779,477.6	24,931,364.4	E		
01/28/21	08:00	2,580.3	2,669.7	E	2,596.3	142.9	8,881.7	E	334,381.6	24,043,182.0	E		
01/28/21	09:00	9,622.9	4,864.1	E	9,048.7	253.5	8,768.8	E	170,163.2	23,000,804.4	E		
01/28/21	10:00	9,679.8	7,294.4	E	9,051.0	240.3	8,681.2	E	161,264.5	21,986,420.1	E		
01/28/21	11:00	6,881.0	8,727.9	E	6,433.7	316.3	8,613.4	E	298,650.6	21,067,426.3	E		
01/28/21	12:00	5,882.0	7,480.9	E	5,600.7	543.9	8,771.2	E	589,963.8	20,368,162.8	E		
01/28/21	13:00	4,275.1	5,679.4	E	4,079.8	229.3	8,644.2	E	341,370.7	19,497,151.8	E		
01/28/21	14:00	3,787.6	4,648.2	E	3,618.8	246.6	8,615.6	E	413,983.4	18,779,286.1	E		
01/28/21	15:00	4,476.7	4,179.8	E	4,285.1	313.1	8,632.3	E	443,905.1	18,166,641.6	E		
01/28/21	16:00	4,470.0	4,244.7	E	4,307.9	191.7	7,989.5	E	270,343.3	16,897,389.5	E		
01/28/21	17:00	4,742.0	4,562.9	E	4,560.8	452.3	7,663.7	E	602,464.4	15,894,420.1	E		
01/28/21	18:00	2,979.9	4,063.9	E	2,887.7	323.2	7,605.6	E	679,973.1	15,435,792.6	E		
01/28/21	19:00	2,341.5	3,354.5	E	2,293.8	231.3	7,372.9	E	612,528.2	14,845,838.0	E		
01/28/21	20:00	3,857.1	3,059.5	E	3,689.9	255.1	7,183.1	E	419,904.0	14,088,852.9	E		
01/28/21	21:00	2,966.4	3,055.0	E	2,849.3	281.6	7,003.2	E	600,279.5	13,620,806.7	E		
01/28/21	22:00	2,135.9	2,986.5	E	2,074.7	202.4	6,810.5	E	592,483.7	13,341,766.2	E		
01/28/21	23:00	1,728.1	2,276.8	E	1,685.9	110.5	6,728.1	E	398,084.4	13,124,184.7	E		
01/29/21	00:00	3,411.1	2,425.0	E	3,263.8	201.9	6,713.2	E	375,854.5	12,656,599.5	E		
01/29/21	01:00	3,063.9	2,734.3	E	2,925.3	161.6	6,697.4	E	335,540.1	12,374,580.8	E		
01/29/21	02:00	4,296.3	3,590.4	E	4,072.8	289.9	6,711.1	E	432,445.3	12,099,259.0	E		
01/29/21	03:00	3,045.8	3,468.6	E	2,940.0	189.9	6,555.8	E	392,414.8	11,786,657.9	E		

01/29/21	04:00	3,048.6	3,463.5	E	2,935.6	211.8	6,407.4	E	438,316.3	11,373,894.6	E		
01/29/21	05:00	1,529.4	C	2,541.3	E	1,510.7	C	73.2	6,157.9	E	294,493.4	10,732,672.7	E
01/29/21	06:00	2,727.7	C	2,435.2	E	2,620.5	C	152.3	5,925.8	E	352,990.7	10,331,276.2	E
01/29/21	07:00	2,149.5		2,135.5	E	2,095.1		149.8	5,764.6	E	434,301.3	9,986,099.9	E
01/29/21	08:00	2,059.9		2,312.3	E	2,021.5		57.6	5,679.3	E	173,039.4	9,824,757.6	E
01/29/21	09:00	2,312.5		2,173.9	E	2,251.0		106.7	5,532.5	E	287,904.1	9,942,498.5	E
01/29/21	10:00	3,053.3		2,475.2	E	2,942.2		157.4	5,449.6	E	324,924.6	10,106,158.6	E
01/29/21	11:00	4,637.4		3,334.4	E	4,391.9		178.4	5,311.7	E	246,772.6	10,054,280.6	E
01/29/21	12:00	2,428.6		3,373.1	E	2,345.8		223.0	4,990.7	E	577,433.8	10,041,750.5	E
01/29/21	13:00	1,548.2		2,871.4	E	1,519.1		63.4	4,824.9	E	253,575.8	9,953,955.6	E
01/29/21	14:00	3,095.2		2,357.3	E	2,963.8		192.0	4,770.3	E	393,594.2	9,933,566.3	E
01/29/21	15:00	1,665.7		2,103.0	E	1,639.4		121.3	4,578.5	E	449,530.8	9,939,192.0	E
01/29/21	16:00	2,321.4		2,360.8	E	2,245.0		142.5	4,529.3	E	385,660.6	10,054,509.3	E
01/29/21	17:00	2,274.2		2,087.1	E	2,217.4		38.8	4,115.7	E	106,172.8	9,558,217.7	E
01/29/21	18:00	2,758.1		2,451.2	E	2,409.2		55.7	3,848.1	E	140,396.8	9,018,641.4	E
01/29/21	19:00	2,441.6		2,491.3	E	2,280.7		54.4	3,671.3	E	145,008.9	8,551,122.1	E
01/29/21	20:00	1,851.3		2,350.4	E	1,771.9		51.6	3,467.8	E	176,849.9	8,308,068.1	E
01/29/21	21:00	2,151.5		2,148.2	E	2,079.2		7.8	3,194.0	E	22,832.1	7,730,620.7	E
01/29/21	22:00	2,318.9		2,107.2	E	2,239.6		101.4	3,093.1	E	274,953.2	7,413,090.2	E
01/29/21	23:00	1,839.8		2,103.4	E	1,790.6		81.5	3,064.0	E	276,346.6	7,291,352.5	E
01/30/21	00:00	1,974.6		2,044.4	E	1,916.5		55.9	2,918.0	E	177,164.4	7,092,662.4	E
01/30/21	01:00	2,483.8		2,099.4	E	2,387.9		33.7	2,790.0	E	85,612.7	6,842,735.0	E
01/30/21	02:00	2,390.4		2,282.9	E	2,301.9		42.3	2,542.4	E	111,730.3	6,522,020.0	E
01/30/21	03:00	2,732.5		2,535.6	E	2,625.4		14.7	2,367.2	E	34,005.1	6,163,610.3	E
01/30/21	04:00	1,457.0		2,193.3	E	1,417.3		25.8	2,181.2	E	110,477.7	5,835,771.7	E
01/30/21	05:00	2,804.4	C	2,331.3	E	2,698.7	C	71.7	2,179.7	E	161,501.7	5,702,780.0	E
01/30/21	06:00	2,086.3	C	2,115.9	E	1,977.2	C	50.1	2,077.4	E	153,785.7	5,503,575.0	E
01/30/21	07:00	2,078.2		2,323.0	E	1,963.5		41.5	1,969.2	E	128,459.3	5,197,732.9	E

CONFIDENTIAL

01/30/21	08:00	2,319.2	2,161.2 E	2,230.1	44.5	1,956.1 E	121,189.2	5,145,882.7 E
01/30/21	09:00	3,962.6	2,786.7 E	3,774.5	87.1	1,936.5 E	140,138.0	4,998,116.7 E
01/30/21	10:00	2,382.5	2,888.1 E	2,297.8	97.2	1,876.3 E	256,863.4	4,930,055.5 E
01/30/21	11:00	1,652.9	2,666.0 E	1,608.7	92.3	1,790.1 E	348,402.1	5,031,685.1 E
01/30/21	12:00	1,502.6	1,846.0 E	1,456.3	26.1	1,593.2 E	108,676.0	4,562,927.3 E
01/30/21	13:00	4,586.5	2,580.7 E	4,306.2	116.9	1,646.7 E	164,957.0	4,474,308.5 E
01/30/21	14:00	3,791.8	3,293.7 E	3,562.5	152.4	1,607.0 E	259,791.6	4,340,506.0 E
01/30/21	15:00	1,236.7	3,205.0 E	1,222.2	130.1	1,615.8 E	646,808.2	4,537,783.3 E
01/30/21	16:00	1,122.7	2,050.4 E	1,129.5	159.1	1,632.4 E	855,534.1	5,007,656.9 E
01/30/21	17:00	846.5	1,068.6 E	877.2	126.6	1,720.2 E	876,500.5	5,777,984.6 E
01/30/21	18:00	1,009.6	992.9 E	1,039.4	148.2	1,812.7 E	866,345.1	6,503,932.9 E
01/30/21	19:00	1,269.0	1,041.7 E	1,293.6	204.5	1,962.8 E	960,383.4	7,319,307.4 E
01/30/21	20:00	1,232.8	1,170.5 E	1,269.4	200.6	2,111.8 E	959,879.9	8,102,337.4 E
01/30/21	21:00	1,361.8	1,287.9 E	1,394.1	216.5	2,320.5 E	943,458.5	9,022,963.8 E
01/30/21	22:00	1,228.1	1,274.2 E	1,261.7	252.9	2,472.1 E	1,217,618.5	9,965,629.0 E
01/30/21	23:00	1,188.4	1,259.4 E	1,225.8	261.3	2,651.9 E	1,294,976.9	10,984,259.3 E
01/31/21	00:00	1,297.7	1,238.1 E	1,317.3	281.2	2,877.2 E	1,296,611.1	12,103,705.9 E
01/31/21	01:00	1,335.6	1,273.9 E	1,343.0	229.2	3,072.7 E	1,036,521.3	13,054,614.5 E
01/31/21	02:00	1,255.5	1,296.3 E	1,257.3	162.8	3,193.2 E	786,625.8	13,729,510.0 E
01/31/21	03:00	747.1	1,112.7 E	770.0	126.0	3,304.5 E	993,857.6	14,689,362.5 E
01/31/21	04:00	872.4	958.3 E	904.0	29.1	3,307.8 E	195,751.3	14,774,636.1 E
01/31/21	05:00	447.3 C	688.9 E	506.8 C	7.6	3,243.7 E	91,300.3	14,704,434.7 E
01/31/21	06:00	8,494.6 C	3,271.4 E	4,800.3 C	102.0	3,295.7 E	129,117.4	14,679,766.5 E
01/31/21	07:00	8,389.2	5,777.1 E	7,022.7	137.9	3,392.0 E	119,236.6	14,670,543.8 E
01/31/21	08:00	4,194.7	7,026.2 E	3,848.2	216.7	3,564.3 E	342,112.7	14,891,467.3 E
01/31/21	09:00	1,442.2	4,675.4 E	1,428.2	172.5	3,649.6 E	733,589.3	15,484,918.6 E
01/31/21	10:00	746.5	2,127.8 E	793.9	136.6	3,689.1 E	1,045,200.8	16,273,256.0 E
01/31/21	11:00	674.2	954.3 E	714.6	139.9	3,736.7 E	1,189,417.4	17,114,271.3 E

01/31/21	12:00	656.2	692.3 E	687.0	135.3	3,846.0 E	1,196,546.6	18,202,141.9 E
01/31/21	13:00	1,481.6	937.3 E	1,482.7	278.7	4,007.8 E	1,141,798.4	19,178,983.4 E
01/31/21	14:00	1,541.7	1,226.5 E	1,536.4	277.1	4,132.5 E	1,095,367.9	20,014,559.6 E
01/31/21	15:00	1,048.2	1,357.2 E	1,058.4	192.3	4,194.6 E	1,103,535.5	20,471,286.9 E
01/31/21	16:00	906.1	1,165.3 E	915.7	143.6	4,179.2 E	952,840.3	20,568,593.1 E
01/31/21	17:00	1,019.2	991.2 E	1,022.2	183.6	4,236.2 E	1,090,906.6	20,782,999.2 E
01/31/21	18:00	2,043.6	1,323.0 E	1,998.9	235.4	4,323.3 E	715,314.3	20,631,968.4 E
01/31/21	19:00	1,108.1	1,390.3 E	1,100.2	147.6	4,266.4 E	815,070.2	20,486,655.2 E
01/31/21	20:00	1,122.6	1,424.8 E	1,083.0	200.7	4,266.5 E	1,125,523.0	20,652,298.2 E
01/31/21	21:00	595.3	942.0 E	595.9	77.0	4,127.0 E	785,009.7	20,493,849.4 E
01/31/21	22:00	573.7	763.8 E	561.4	80.1	3,954.2 E	866,841.8	20,143,072.7 E
01/31/21	23:00	495.4	554.8 E	507.8	74.9	3,767.7 E	895,442.9	19,743,538.8 E
02/01/21	00:00	472.0	513.7 E	492.5	63.8	3,550.3 E	786,416.3	19,233,344.0 E
02/01/21	01:00	331.0	432.8 E	376.3	16.8	3,338.0 E	271,174.0	18,467,996.7 E
02/01/21	02:00	638.4	480.5 E	689.3	4.2	3,179.4 E	36,994.8	17,718,365.7 E
02/01/21	03:00	921.0	630.1 E	970.0	10.4	3,063.8 E	65,250.6	16,789,758.7 E
02/01/21	04:00	3,077.9	1,545.8 E	3,072.9	136.1	3,170.7 E	268,966.0	16,862,973.3 E
02/01/21	05:00	3,421.0 C	2,473.3 E	3,403.0 C	147.3	3,310.4 E	262,998.4	17,034,671.5 E
02/01/21	06:00	3,893.2 C	3,464.1 E	3,859.7 C	202.7	3,411.1 E	319,092.3	17,224,646.3 E
02/01/21	07:00	3,740.1	3,684.8 E	3,723.1	195.9	3,469.2 E	319,664.4	17,425,074.1 E
02/01/21	08:00	3,907.6	3,847.0 E	3,896.4	171.1	3,423.6 E	266,799.0	17,349,760.4 E
02/01/21	09:00	4,296.2	3,981.3 E	4,251.5	231.7	3,482.9 E	331,075.4	16,947,246.5 E
02/01/21	10:00	4,742.9	4,315.6 E	4,677.8	222.5	3,568.8 E	288,953.1	16,190,998.7 E
02/01/21	11:00	5,028.2	4,689.1 E	4,974.6	267.6	3,696.5 E	326,816.2	15,328,397.5 E
02/01/21	12:00	5,901.9	5,224.4 E	5,845.3	266.3	3,827.5 E	276,789.7	14,408,640.6 E
02/01/21	13:00	5,581.4	5,503.8 E	5,542.1	245.3	3,794.1 E	268,875.9	13,535,718.1 E
02/01/21	14:00	5,946.1	5,809.8 E	5,891.0	548.8	4,065.9 E	565,874.9	13,006,225.1 E
02/01/21	15:00	8,355.2	6,627.5 E	8,105.2	1,069.6	4,943.2 E	801,615.8	12,704,305.4 E

CONFIDENTIAL

02/01/21	16:00	7,328.0	7,209.7 E	7,156.4	1,298.7	6,098.2 E	1,102,316.4	12,853,781.5 E
02/01/21	17:00	10,274.8	8,652.7 E	9,969.0	1,750.9	7,665.5 E	1,066,876.9	12,829,751.9 E
02/01/21	18:00	8,060.9	8,554.6 E	7,815.9	1,254.2	8,684.3 E	974,729.7	13,089,167.3 E
02/01/21	19:00	6,256.9	8,197.5 E	6,079.7	1,080.2	9,616.9 E	1,079,285.8	13,353,382.9 E
02/01/21	20:00	4,401.2	6,239.7 E	4,292.5	723.9	10,140.1 E	1,024,422.7	13,252,282.6 E
02/01/21	21:00	1,472.7	4,043.6 E	1,478.7	230.6	10,293.7 E	947,432.2	13,414,705.1 E
02/01/21	22:00	341.5	2,071.8 E	389.0	78.7	10,292.3 E	1,228,776.2	13,776,639.5 E
02/01/21	23:00	477.6	763.9 E	524.6	102.0	10,319.5 E	1,181,614.2	14,062,810.8 E
02/02/21	00:00	535.1	451.4 E	574.1	96.2	10,351.9 E	1,017,572.2	14,293,966.7 E
02/02/21	01:00	1,153.0	721.9 E	1,186.4	166.4	10,501.5 E	851,904.7	14,874,697.4 E
02/02/21	02:00	472.9	720.3 E	508.6	80.9	10,578.2 E	966,809.4	15,804,511.9 E
02/02/21	03:00	367.2	664.4 E	414.7	56.6	10,624.4 E	829,480.9	16,568,742.2 E
02/02/21	04:00	418.2	419.5 E	462.7	55.7	10,544.1 E	731,442.7	17,031,219.0 E
02/02/21	05:00	358.9 C	381.4 E	405.0 C	80.9	10,477.7 E	1,213,161.3	17,981,381.9 E
02/02/21	06:00	337.5 C	371.5 E	380.7 C	84.6	10,359.5 E	1,349,090.4	19,011,380.0 E
02/02/21	07:00	351.4	349.3 E	386.9	92.8	10,256.3 E	1,457,171.0	20,148,886.7 E
02/02/21	08:00	338.2	342.4 E	388.7	73.0	10,158.2 E	1,141,402.4	21,023,490.1 E
02/02/21	09:00	379.8	356.4 E	432.3	83.4	10,009.9 E	1,172,215.7	21,864,630.5 E
02/02/21	10:00	368.7	362.2 E	424.3	75.5	9,862.9 E	1,081,166.2	22,656,843.6 E
02/02/21	11:00	537.8	428.8 E	583.4	73.3	9,668.6 E	762,955.2	23,092,982.6 E
02/02/21	12:00	425.3	444.0 E	471.0	90.8	9,493.0 E	1,170,827.5	23,987,020.3 E
02/02/21	13:00	374.4	445.9 E	425.3	78.3	9,326.0 E	1,117,848.2	24,835,992.6 E
02/02/21	14:00	357.5	385.7 E	412.4	89.7	8,866.9 E	1,320,954.1	25,591,071.8 E
02/02/21	15:00	469.4	400.4 E	525.2	119.6	7,916.9 E	1,383,145.8	26,172,601.8 E
02/02/21	16:00	372.9	399.9 E	423.5	105.5	6,723.7 E	1,512,623.3	26,582,908.8 E
02/02/21	17:00	279.8	374.0 E	341.8	81.4	5,054.2 E	1,447,210.0	26,963,241.9 E
02/02/21	18:00	261.5	304.7 E	378.1	85.8	3,885.9 E	1,378,599.1	27,367,111.2 E
02/02/21	19:00	275.3	272.2 E	410.8	93.4	2,899.1 E	1,381,493.0	27,669,318.4 E

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02/02/21	20:00	289.8	275.6 E	404.5	87.2	2,262.4 E	1,309,693.7	27,954,589.5 E
02/02/21	21:00	331.3	298.8 E	429.5	82.8	2,114.5 E	1,170,930.1	28,178,087.4 E
02/02/21	22:00	351.6	324.2 E	436.6	85.5	2,121.3 E	1,189,129.8	28,138,441.0 E
02/02/21	23:00	331.4	338.1 E	414.4	82.6	2,101.9 E	1,211,257.3	28,168,084.1 E
02/03/21	00:00	390.9	357.9 E	474.0	99.1	2,104.8 E	1,270,355.6	28,420,867.6 E
02/03/21	01:00	364.2	362.1 E	453.1	103.1	2,041.5 E	1,382,019.7	28,950,982.6 E
02/03/21	02:00	554.0	436.4 E	629.8	158.8	2,119.4 E	1,532,140.8	29,516,314.0 E
02/03/21	03:00	386.3	434.8 E	464.7	106.1	2,168.9 E	1,387,369.7	30,074,202.8 E
02/03/21	04:00	1,870.6	937.0 E	1,898.4	498.4	2,611.6 E	1,594,684.3	30,937,444.4 E
02/03/21	05:00	654.8 C	970.6 E	721.6 C	148.2	2,678.9 E	1,247,591.2	30,971,874.3 E
02/03/21	06:00	312.2 C	945.9 E	401.2 C	93.5	2,687.8 E	1,415,466.2	31,038,250.1 E
02/03/21	07:00	394.6	453.9 E	474.3	69.7	2,664.7 E	892,690.1	30,473,769.3 E
02/03/21	08:00	3,121.5	1,276.1 E	3,028.8	78.4	2,670.1 E	157,168.8	29,489,535.7 E
02/03/21	09:00	2,080.8	1,865.7 E	1,976.2	45.3	2,632.0 E	139,242.2	28,456,562.2 E
02/03/21	10:00	2,889.7	2,697.4 E	2,621.6	49.3	2,605.7 E	114,179.3	27,489,575.3 E
02/03/21	11:00	2,709.5	2,560.0 E	2,359.2	43.5	2,576.0 E	112,050.2	26,838,670.3 E
02/03/21	12:00	1,302.7	2,300.6 E	1,194.4	123.1	2,608.3 E	625,988.6	26,293,831.5 E
02/03/21	13:00	487.6	1,499.9 E	512.7	31.8	2,561.8 E	376,806.6	25,552,789.9 E
02/03/21	14:00	699.7	830.0 E	708.9	65.3	2,537.5 E	559,907.3	24,791,743.1 E
02/03/21	15:00	524.3	570.5 E	563.3	31.7	2,449.6 E	341,511.8	23,750,109.1 E
02/03/21	16:00	486.6	570.2 E	528.4	38.9	2,383.0 E	447,472.7	22,684,958.5 E
02/03/21	17:00	362.9	457.9 E	413.4	48.0	2,349.6 E	705,753.7	21,943,502.1 E
02/03/21	18:00	334.6	394.7 E	392.9	47.2	2,311.0 E	729,869.9	21,294,772.9 E
02/03/21	19:00	336.6	344.7 E	391.6	47.1	2,264.7 E	730,782.0	20,644,061.9 E
02/03/21	20:00	382.1	351.1 E	432.1	56.3	2,233.8 E	792,144.5	20,126,512.7 E
02/03/21	21:00	358.8	359.2 E	409.8	59.0	2,210.0 E	874,284.2	19,829,866.8 E
02/03/21	22:00	378.4	373.1 E	427.7	60.2	2,184.8 E	855,649.3	19,496,386.3 E
02/03/21	23:00	374.9	370.7 E	422.6	63.7	2,165.8 E	915,290.7	19,200,419.7 E

CONFIDENTIAL

02/04/21	00:00	354.6	369.3 E	402.8	64.4	2,131.1 E	970,628.9	18,900,693.0 E
02/04/21	01:00	266.9	332.1 E	316.2	67.0	2,095.0 E	1,286,959.5	18,805,632.8 E
02/04/21	02:00	609.7	410.4 E	706.8	163.0	2,099.2 E	1,400,893.8	18,674,385.8 E
02/04/21	03:00	422.4	433.0 E	483.6	116.5	2,109.5 E	1,463,328.0	18,750,344.1 E
02/04/21	04:00	472.4	501.5 E	538.6	129.3	1,740.4 E	1,458,052.2	18,613,711.9 E
02/04/21	05:00	605.0 C	499.9 E	670.5 C	136.7	1,728.9 E	1,238,037.2	18,604,157.9 E
02/04/21	06:00	4,847.1 C	1,974.8 E	4,772.9 C	1,088.6	2,724.0 E	1,385,478.4	18,574,170.1 E
02/04/21	07:00	2,504.1	2,652.1 E	2,493.9	505.7	3,160.0 E	1,231,808.4	18,913,288.4 E
02/04/21	08:00	339.2	2,563.5 E	394.7	81.5	3,163.1 E	1,253,752.6	20,009,872.2 E
02/04/21	09:00	289.0	1,044.1 E	340.9	69.3	3,187.1 E	1,234,664.2	21,105,294.2 E
02/04/21	10:00	4,781.1	1,803.1 E	4,689.3	980.9	4,118.7 E	1,270,609.0	22,261,723.9 E
02/04/21	11:00	7,223.1	4,097.7 E	7,078.9	1,422.2	5,497.3 E	1,220,358.2	23,370,031.9 E
02/04/21	12:00	7,077.1	6,360.4 E	6,927.0	1,490.3	6,864.5 E	1,306,902.8	24,050,946.0 E
02/04/21	13:00	2,877.2	5,725.8 E	2,892.6	731.6	7,564.3 E	1,536,380.5	25,210,519.9 E
02/04/21	14:00	399.3	3,451.2 E	472.7	97.3	7,596.3 E	1,249,862.2	25,900,474.7 E
02/04/21	15:00	569.6	1,282.0 E	628.4	92.8	7,657.4 E	897,350.6	26,456,313.5 E
02/04/21	16:00	1,320.5 M	763.1 E	1,299.1 M	105.4	7,723.9 E	492,944.2	26,501,785.1 E
02/04/21	17:00	2,826.4	1,572.2 E	2,650.0	141.3	7,817.2 E	323,862.5	26,119,893.8 E
02/04/21	18:00	418.7	1,521.9 E	463.5	70.5	7,840.4 E	923,426.1	26,313,450.0 E
02/04/21	19:00	495.4	1,246.8 E	537.5	50.3	7,843.7 E	568,969.2	26,151,637.2 E
02/04/21	20:00	440.5	451.5 E	482.5	75.3	7,862.6 E	947,435.9	26,306,928.6 E
02/04/21	21:00	429.6	455.1 E	473.3	84.5	7,888.1 E	1,084,333.5	26,516,977.9 E
02/04/21	22:00	308.0	392.7 E	364.1	89.2	7,917.1 E	1,488,760.3	27,150,088.8 E
02/04/21	23:00	320.4	352.6 E	392.8	83.3	7,936.7 E	1,288,760.5	27,523,558.6 E
02/05/21	00:00	293.3	307.2 E	379.8	89.6	7,962.0 E	1,433,330.0	27,986,259.6 E
02/05/21	01:00	385.4	333.0 E	476.4	101.4	7,996.4 E	1,293,037.5	27,992,337.6 E
02/05/21	02:00	331.2	336.6 E	407.6	89.1	7,922.5 E	1,327,387.9	27,918,831.7 E
02/05/21	03:00	631.2	449.3 E	689.9	122.1	7,928.0 E	1,074,688.5	27,530,192.3 E

CONFIDENTIAL

02/05/21	04:00	994.5	652.3	E	1,030.5	149.5	7,948.2	E	881,000.5	26,953,140.6	E		
02/05/21	05:00	1,131.7	C	919.2	E	1,156.2	C	171.4	7,982.9	E	900,283.2	26,615,386.6	E
02/05/21	06:00	1,329.9	C	1,152.1	E	1,364.9	C	227.6	7,121.9	E	1,012,899.6	26,242,807.8	E
02/05/21	07:00	1,687.5		1,383.0	E	1,705.2		251.4	6,867.5	E	895,428.8	25,906,428.3	E
02/05/21	08:00	1,146.1		1,387.8	E	1,176.1		169.3	6,955.4	E	874,532.4	25,527,208.1	E
02/05/21	09:00	936.2		1,256.6	E	968.4		146.6	7,032.7	E	919,584.8	25,212,128.6	E
02/05/21	10:00	799.7		960.7	E	860.1		129.0	6,180.8	E	910,711.7	24,852,231.3	E
02/05/21	11:00	1,191.1		975.7	E	1,246.0		184.5	4,943.2	E	899,558.6	24,531,431.7	E
02/05/21	12:00	5,619.3		2,536.7	E	5,472.1		769.9	4,222.8	E	854,670.8	24,079,199.7	E
02/05/21	13:00	451.3		2,420.5	E	516.8		82.4	3,573.5	E	968,750.9	23,511,570.1	E
02/05/21	14:00	390.7		2,153.7	E	442.1		63.6	3,539.9	E	874,050.9	23,135,758.8	E
02/05/21	15:00	385.2		409.1	E	412.2		57.9	3,505.0	E	853,823.6	23,092,231.8	E
02/05/21	16:00	265.3		347.1	E	330.3		46.1	3,445.7	E	848,448.2	23,447,735.8	E
02/05/21	17:00	260.2		303.6	E	326.6		39.8	3,344.2	E	739,692.8	23,863,566.1	E
02/05/21	18:00	274.2		266.6	E	334.1		45.4	3,319.1	E	824,824.1	23,764,964.1	E
02/05/21	19:00	210.6		248.3	E	266.0		36.8	3,305.6	E	841,318.6	24,037,313.6	E
02/05/21	20:00	192.1		225.6	E	233.9		33.6	3,264.0	E	873,142.8	23,963,020.5	E
02/05/21	21:00	135.3		179.3	E	171.7		25.6	3,205.1	E	904,712.4	23,783,399.3	E
02/05/21	22:00	118.3		148.6		172.8		24.3	3,140.1	E	853,638.0	23,148,277.1	E
02/05/21	23:00	151.1		134.9		218.8		30.3	3,087.1	E	841,927.2	22,701,443.8	E
02/06/21	00:00	231.9		167.1	E	283.1		38.0	3,035.5	E	814,836.9	22,082,950.7	E
02/06/21	01:00	288.2		223.7	E	343.1		46.2	2,980.2	E	817,265.9	21,607,179.2	E
02/06/21	02:00	286.0		268.7	E	343.2		46.7	2,937.8	E	826,416.2	21,106,207.4	E
02/06/21	03:00	289.5		287.9	E	344.3		46.2	2,862.0	E	815,475.5	20,846,994.4	E
02/06/21	04:00	274.2		283.2	E	327.8		45.0	2,757.5	E	833,667.0	20,799,660.9	E
02/06/21	05:00	255.7	C	273.1	E	307.7	C	44.0	2,630.2	E	869,720.0	20,769,097.7	E
02/06/21	06:00	264.2	C	264.7	E	315.0	C	44.9	2,447.5	E	865,109.7	20,621,307.8	E
02/06/21	07:00	268.2		262.7	E	318.2		44.8	2,240.9	E	854,288.3	20,580,167.3	E

CONFIDENTIAL

02/06/21	08:00	261.9	264.8 E	316.5	47.0	2,118.5 E	901,405.8	20,607,040.6 E
02/06/21	09:00	289.8	273.3 E	344.3	44.8	2,016.8 E	790,632.3	20,478,088.1 E
02/06/21	10:00	295.7	282.5 E	349.9	49.4	1,937.2 E	857,992.8	20,425,369.2 E
02/06/21	11:00	324.1	303.2 E	369.3	42.4	1,795.1 E	697,958.7	20,223,769.3 E
02/06/21	12:00	340.2	320.0 E	371.0	43.0	1,068.2 E	703,459.8	20,072,558.3 E
02/06/21	13:00	349.1	337.8 E	379.1	41.1	1,026.9 E	659,121.5	19,762,929.0 E
02/06/21	14:00	535.3	408.2 E	554.9	19.9	983.2 E	217,585.5	19,106,463.6 E
02/06/21	15:00	529.3	471.2 E	540.1	52.4	977.6 E	588,972.6	18,841,612.6 E
02/06/21	16:00	424.7	496.4 E	452.4	45.1	976.5 E	605,092.2	18,598,256.7 E
02/06/21	17:00	332.1	428.7 E	361.9	37.0	973.8 E	621,348.6	18,479,912.5 E
02/06/21	18:00	347.4	368.1 E	368.6	37.0	965.4 E	609,228.0	18,264,316.4 E
02/06/21	19:00	380.6	353.4 E	394.4	37.1	965.7 E	571,806.4	17,994,804.2 E
02/06/21	20:00	365.2	364.4 E	379.9	37.6	969.7 E	602,008.0	17,723,669.4 E
02/06/21	21:00	375.7	373.9 E	390.7	39.0	983.1 E	606,200.2	17,425,157.2 E
02/06/21	22:00	369.7	370.2 E	384.2	39.2	998.0 E	619,024.8	17,190,544.0 E
02/06/21	23:00	387.2	377.5 E	401.1	32.9	1,000.6 E	498,908.7	16,847,525.5 E
02/07/21	00:00	452.6	403.2 E	459.5	38.8	1,001.4 E	512,964.9	16,545,653.5 E
02/07/21	01:00	505.9	448.6 E	511.9	43.1	998.4 E	511,839.1	16,240,226.6 E
02/07/21	02:00	479.5	479.4 E	487.5	40.8	992.5 E	508,139.2	15,921,949.6 E
02/07/21	03:00	512.0	499.1 E	519.2	42.1	988.3 E	492,184.7	15,598,658.8 E
02/07/21	04:00	493.5	495.0 E	499.7	41.1	984.4 E	499,286.6	15,264,278.4 E
02/07/21	05:00	548.0 C	517.9 E	549.9 C	38.3	978.7 E	422,924.8	14,817,483.1 E
02/07/21	06:00	370.6 C	470.7 E	386.1 C	47.4	981.2 E	746,243.8	14,698,617.2 E
02/07/21	07:00	352.0	423.5 E	372.7	41.9	978.4 E	682,789.1	14,527,118.0 E
02/07/21	08:00	377.9	366.8 E	398.6	34.5	965.8 E	525,032.9	14,150,745.1 E
02/07/21	09:00	488.7	406.2 E	507.3	41.7	962.8 E	499,533.7	13,859,646.5 E
02/07/21	10:00	435.2	433.9 E	465.8	48.2	961.5 E	628,229.3	13,629,883.0 E
02/07/21	11:00	315.4	413.1 E	346.2	44.7	963.8 E	784,396.0	13,716,320.3 E

CONFIDENTIAL

02/07/21	12:00	291.1	347.2 E	320.5	39.4	960.2 E	745,907.3	13,758,767.7 E
02/07/21	13:00	272.5	293.0 E	306.0	32.9	951.9 E	653,060.5	13,752,706.7 E
02/07/21	14:00	286.3	283.3 E	317.8	26.4	958.4 E	503,946.1	14,039,067.3 E
02/07/21	15:00	362.2	307.0 E	385.5	21.2	927.3 E	334,385.5	13,784,480.2 E
02/07/21	16:00	1,128.0	592.1 E	1,110.1	37.9	920.1 E	207,166.8	13,386,554.8 E
02/07/21	17:00	1,064.1	851.4 E	1,047.7	41.3	924.4 E	239,620.2	13,004,826.4 E
02/07/21	18:00	986.2	1,059.4 E	976.8	62.9	950.3 E	391,190.5	12,786,788.9 E
02/07/21	19:00	1,239.8	1,096.7 E	1,217.0	51.4	964.6 E	256,567.3	12,471,549.7 E
02/07/21	20:00	1,268.8	1,164.9 E	1,245.0	57.6	984.5 E	280,897.8	12,150,439.6 E
02/07/21	21:00	1,211.4	1,240.0 E	1,188.9	55.2	1,000.7 E	282,008.1	11,826,247.5 E
02/07/21	22:00	1,355.0	1,278.4 E	1,324.3	61.9	1,023.5 E	283,935.8	11,491,158.4 E
02/07/21	23:00	2,034.1	1,533.5 E	1,958.0	94.5	1,085.0 E	293,173.8	11,285,423.6 E
02/08/21	00:00	1,832.4	1,740.5 E	1,766.9	82.4	1,128.7 E	283,394.9	11,055,853.7 E
02/08/21	01:00	1,606.3	1,824.2 E	1,555.5	72.8	1,158.3 E	284,115.3	10,828,129.9 E
02/08/21	02:00	1,614.5	1,684.4 E	1,561.3	73.1	1,190.6 E	284,589.6	10,604,580.3 E
02/08/21	03:00	1,668.4	1,629.7 E	1,613.4	77.2	1,225.8 E	290,846.6	10,403,242.3 E
02/08/21	04:00	1,678.9	1,654.0 E	1,623.9	82.8	1,267.6 E	309,862.7	10,213,818.3 E
02/08/21	05:00	1,127.6 C	1,491.6 E	1,106.5 C	99.4	1,328.7 E	545,918.3	10,336,811.8 E
02/08/21	06:00	1,368.4 C	1,391.7 E	1,338.9 C	109.2	1,390.5 E	495,350.2	10,085,918.2 E
02/08/21	07:00	869.8	1,121.9 E	860.8	66.3	1,414.9 E	468,106.1	9,871,235.2 E
02/08/21	08:00	857.5	1,031.9 E	852.5	75.9	1,456.3 E	540,674.6	9,886,877.0 E
02/08/21	09:00	693.3	806.9 E	704.8	77.2	1,491.8 E	665,309.3	10,052,652.6 E
02/08/21	10:00	394.7	648.5 E	425.7	45.8	1,489.4 E	653,119.9	10,077,543.2 E
02/08/21	11:00	2,540.2	1,209.4 E	2,463.6	234.3	1,679.0 E	577,720.6	9,870,867.9 E
02/08/21	12:00	2,974.1	1,969.7 E	2,878.8	274.2	1,913.9 E	578,580.6	9,703,541.2 E
02/08/21	13:00	2,972.9	2,829.1 E	2,874.8	272.9	2,153.9 E	576,709.1 *	9,627,189.8 E
02/08/21	14:00	4,672.3	3,539.7 E	4,492.3	433.0	2,560.5 E	585,490.8 *	9,708,734.4 E
02/08/21	15:00	2,359.9	3,335.0 E	2,287.2	173.0	2,712.3 E	459,540.0	9,833,888.9 E

CONFIDENTIAL

02/08/21	16:00	496.2	2,509.4	E	510.6	42.6	2,717.1	E	507,301.7	*	10,134,023.8	E		
02/08/21	17:00	439.6	1,098.5	E	456.3	38.8	2,714.6	E	516,740.1		10,411,143.7	E		
02/08/21	18:00	603.6	513.1	E	611.1	55.3	2,707.0	E	549,252.0	*	10,569,205.3	E		
02/08/21	19:00	484.1	509.1	E	497.5	45.5	2,701.1	E	556,098.3		10,868,736.3	E		
02/08/21	20:00	460.8	516.1	E	477.0	43.8	2,687.3	E	557,905.9	*	11,145,744.3	E		
02/08/21	21:00	702.4	549.1	E	708.6	65.5	2,697.7	E	561,931.2		11,425,667.4	E		
02/08/21	22:00	4,039.4	1,734.2	E	3,916.0	347.2	2,983.0	E	538,521.4		11,680,253.0	E		
02/08/21	23:00	2,158.9	2,300.2	E	2,105.6	179.9	3,068.4	E	519,116.6		11,906,195.7	E		
02/09/21	00:00	530.9	2,243.1	E	540.2	41.3	3,027.3	E	464,539.8		12,087,340.6	E		
02/09/21	01:00	551.6	1,080.5	E	557.6	44.3	2,998.8	E	482,725.3		12,285,950.6	E		
02/09/21	02:00	617.7	566.7	E	620.0	45.9	2,971.6	E	449,929.7		12,451,290.6	E		
02/09/21	03:00	513.0	560.8	E	522.1	41.1	2,935.4	E	477,728.3	*	12,638,172.3	E		
02/09/21	04:00	500.6	543.8	E	511.1	39.7	2,892.3	E	471,852.4		12,800,162.1	E		
02/09/21	05:00	1,067.4	C	693.7	E	1,054.5	C	76.8	2,869.6	E	442,208.9	*	12,696,452.7	E
02/09/21	06:00	1,213.8	C	927.3	E	1,194.6	C	88.8	2,849.2	E	451,577.8	*	12,652,680.4	E
02/09/21	07:00	1,195.9	1,159.1	E	1,176.4	87.7	2,870.6	E	452,872.4		12,637,446.6	E		
02/09/21	08:00	1,274.7	1,228.2	E	1,244.3	58.2	2,852.9	E	284,165.2		12,380,937.1	E		
02/09/21	09:00	723.6	1,064.7	E	719.8	44.4	2,820.1	E	374,585.3		12,090,213.1	E		
02/09/21	10:00	2,154.4	1,384.2	E	2,062.7	47.8	2,822.2	E	140,746.9		11,577,840.1	E		
02/09/21	11:00	5,852.8	2,910.3	E	5,407.2	138.9	2,726.8	E	156,046.0		11,156,165.4	E		
02/09/21	12:00	563.8	2,857.0	E	543.4	10.4	2,462.9	E	115,799.7		10,693,384.6	E		
02/09/21	13:00	1,725.1	2,713.9	E	1,535.7	28.2	2,218.2	E	111,497.8		10,228,173.4	E		
02/09/21	14:00	2,307.6	1,532.2	E	2,037.9	55.7	1,840.9	E	166,128.7		9,808,811.2	E		
02/09/21	15:00	267.2	1,433.3	E	258.2	17.4	1,685.3	E	410,271.6		9,759,542.9	E		
02/09/21	16:00	156.1	910.3	E	171.1	15.9	1,658.6	E	565,782.2	*	9,818,023.3	E		
02/09/21	17:00	133.6	185.6	E	159.3	15.0	1,634.8	E	570,622.1		9,871,905.3	E		
02/09/21	18:00	173.2	154.3		194.8	19.5	1,599.0	E	609,134.0		9,931,787.2	E		
02/09/21	19:00	171.7	159.5		192.3	21.3	1,574.8	E	673,348.7	*	10,049,037.7	E		

02/09/21	20:00	223.2	189.4 E	245.2	28.6	1,559.6 E	708,539.5 *	10,199,671.3 E
02/09/21	21:00	143.2	179.4 E	174.4	14.9	1,509.0 E	520,215.4 *	10,157,955.5 E
02/09/21	22:00	138.3	168.2 E	176.5	18.8	1,180.6 E	645,853.7	10,265,287.8 E
02/09/21	23:00	93.6	125.0	128.5	13.5	1,014.1 E	636,984.5	10,383,155.8 E
02/10/21	00:00	111.0	114.3	136.0	12.2	985.0 E	546,502.9	10,465,119.0 E
02/10/21	01:00	119.2	108.0	150.5	13.1	953.8 E	527,663.4 *	10,510,057.1 E
02/10/21	02:00	111.1	113.8	149.6	11.2	919.1 E	454,425.8	10,514,553.2 E
02/10/21	03:00	102.5	110.9	139.6	9.8	887.8 E	427,669.8 *	10,464,494.7 E
02/10/21	04:00	117.3	110.3	152.9	11.3	859.4 E	447,751.3	10,440,393.6 E
02/10/21	05:00	68.2 C	96.0	103.4 C	7.7	790.3 E	449,844.5	10,448,029.3 E
02/10/21	06:00	46.4 C	77.3	90.4 C	6.3	707.8 E	420,654.2 *	10,417,105.6 E
02/10/21	07:00	67.2	60.6	101.9	7.9	628.0 E	473,224.3 *	10,437,457.6 E
02/10/21	08:00	254.1	122.6	287.6	29.1	598.9 E	614,846.9	10,768,139.3 E
02/10/21	09:00	264.2	195.2 E	297.7	23.5	578.0 E	479,968.4	10,873,522.4 E
02/10/21	10:00	119.5	212.6 E	167.7	17.8	548.1 E	645,225.1 *	11,378,000.7 E
02/10/21	11:00	73.5	152.4	116.5	12.2	421.4	636,076.8	11,858,031.5 E
02/10/21	12:00	141.7	111.6	187.7	19.8	430.8	640,848.6	12,383,080.4 E
02/10/21	13:00	121.2	112.1	169.7	17.9	420.5	640,867.6	12,912,450.2 E
02/10/21	14:00	127.2	130.0	178.7	18.9	383.7	642,514.6	13,388,836.0 E
02/10/21	15:00	126.7	125.0	180.2	21.2	387.4	714,670.5	13,693,234.9 E
02/10/21	16:00	127.8	127.3	176.9	17.1	388.7	588,580.8	13,716,033.6 E
02/10/21	17:00	119.4	124.7	166.6	18.3	392.0	668,197.4 *	13,813,608.9 E
02/10/21	18:00	109.1	118.8	157.1	17.0	389.5	657,507.9	13,861,982.8 E
02/10/21	19:00	77.1	101.9	125.7	4.2	372.3	201,177.1	13,389,811.2 E
02/10/21	20:00	158.7	115.0	200.1	15.8	359.5	478,764.5 *	13,160,036.2 E
02/10/21	21:00	139.4	125.1	181.8	13.6	358.1	453,376.5 *	13,093,197.3 E
02/10/21	22:00	144.3	147.5	185.1	13.3	352.7	437,509.8	12,884,853.4 E
02/10/21	23:00	146.5	143.4	185.5	14.0	353.2	457,201.3 *	12,705,070.2 E

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